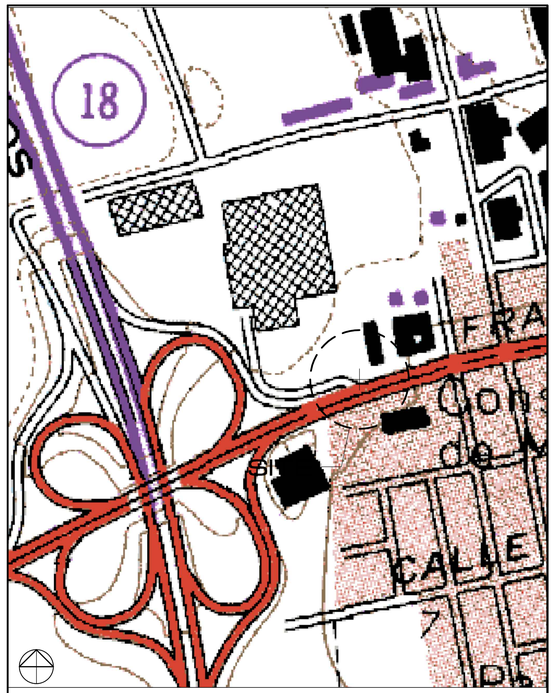
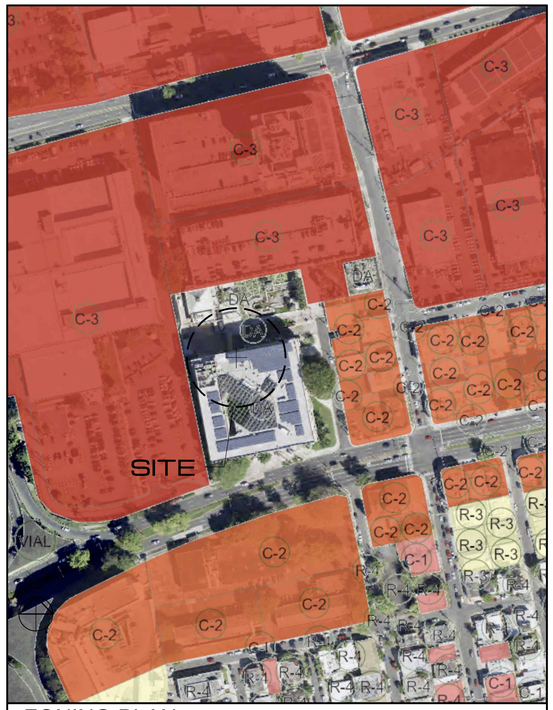
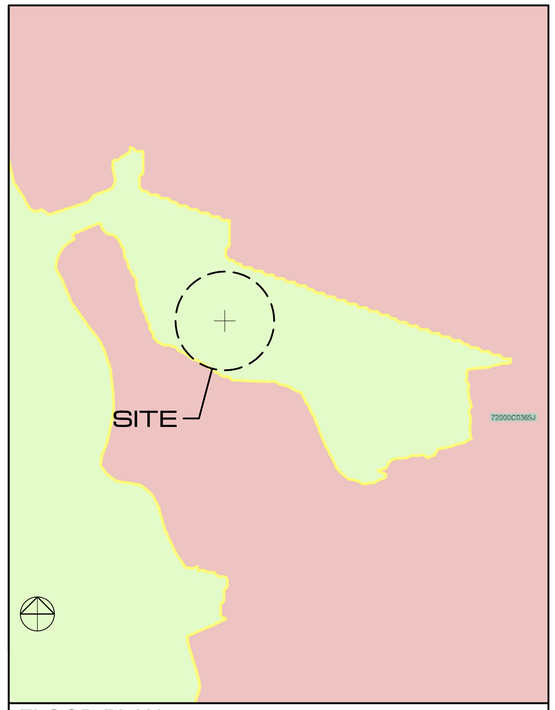


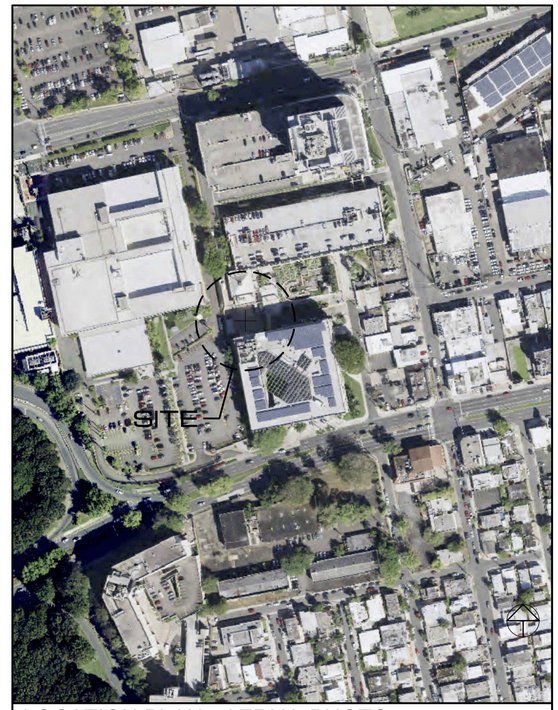
TOPOGRAPHIC QUADRANGLE



ZONING PLAN



FLOOD PLAN



LOCATION PLAN - AERIAL PHOTO

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GOVERNMENT OF PUERTO RICO

HON. JENNIFFER GONZÁLEZ COLÓN, GOBERNOR

PRIDCO: PUERTO RICO INDUSTRIAL INVESTMENT COMPANY

MR. ROBERTO LEFRANC FORTUÑO, EXECUTIVE DIRECTOR

DDEC: DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE

MR. SEBASTIAN NEGRON REICHARD, SECRETARY

BID SET
NOT ISSUE FOR CONSTRUCTION
NOVEMBER 13, 2025

CONSTRUCTION PLANS FOR:

PROJECT NO. A: CARGO ELEVATOR MODERNIZATION

355 FD ROOSEVELT AVENUE, HATO REY, PR 00918

PROJECT: S-1340-0-82-00

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Architects & Consultants, PSC

CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS

SAN JUAN, PUERTO RICO

CONSULTANT SEAL

"YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

COVER SHEET, LOCATION AND INDEX

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–T–01.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO. 01-35

DRAWING NO. T-01

GENERAL DEMOLITION NOTES

1. THE INFORMATION INDICATED ON THE DRAWINGS REGARDING THE EXISTING CONDITIONS AND THE REQUIRED DEMOLITION, IS INCLUDED AS A GENERAL GUIDE OF THE SCOPE OF WORK REQUIRED. THIS INFORMATION IS NOT AN EXHAUSTIVE RESEARCH OF THE EXISTING CONDITIONS NOR OF THE DEMOLITION WORKS. THE GENERAL CONTRACTOR SHALL MAKE USE OF THESE DRAWINGS AND INFORMATION AS A WORKING TOOL TO SCHEDULE THE REQUIRED DEMOLITION WORKS.

2. THE INFORMATION AND NOTES SHOWN IN THE DRAWINGS OR THE INVOLUNTARY OMISSION OF OTHER INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING AND INSPECTING THE SITE AND MAKING HIMSELF INFORMED OF ALL THE CIRCUMSTANCES EXISTING AT THE SITE TO INCLUDE ALL NECESSARY COSTS ON HIS BID TO COVER ALL THE REQUIRED DEMOLITION TO COMPLETE THE CONSTRUCTION WORKS, AS SHOWN IN THE CONTRACT DOCUMENTS.

3. THE CONTRACTOR SHALL HAVE DESIGNATED AREA AT STAGING AREA FOR DIVERTING OF CONSTRUCTION AND DEMOLITION (C&D) DEBRIS. THIS AREA TO BE USED AS TEMPORARY STORAGE FOR THE DAILY WEEKLY TRANSPORTATION OF CONCRETE AND STEEL DEBRIS FROM THE DEMOLITION OF THE EXISTING STRUCTURES.

4. GENERAL CONTRACTOR SHALL DIVERT FROM DISPOSAL ALL RECYCLE MATERIALS GENERATED DURING THE DEMOLITION PROCESS. CRUSHED CONCRETE AND ASPHALT SHALL BE CRUSH AND REUSE IN MANY WAYS, IDENTIFIED A RECYCLER AND DOCUMENT THE REUSE IN OTHER PROJECTS OF THIS MATERIALS AS SUB BASE FOR ROADS OR DRY AGGREGATE FOR BRAND NEW CONCRETE. LARGER PIECES OF CRUSHED CONCRETE CAN BE USED FOR EROSION CONTROL ON OTHER COASTAL SITES.

DEMOLITIONS NOTES:

1. THE CONTRACTOR SHALL VERIFY WITH OWNER PRIOR TO ANY DEMOLITION WORK, ANY AREAS OUTSIDE THE CONTRACT LIMITS WHICH MAY REQUIRE HIS WORK.

2. THE CONTRACTOR MUST OBTAIN OWNER'S APPROVAL PRIOR TO SHUTTING OFF ANY BUILDING SERVICES.

3. THE CONTRACTOR SHALL KEEP THE AREA OF WORK AS CONFINED AS POSSIBLE AND ERECT ANY TEMPORARY BARRIERS REQUIRED FOR PROTECTION OF THE PUBLIC AND EMPLOYEES.

4. THE CONTRACTOR SHALL VISIT AND INSPECT THE ENTIRE AREA OF WORK, FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AFFECTING THE WORK AND ASCERTAIN THE EXTENT OF REMOVALS AND RECOMMENDATIONS IF ANY.

5. ALL ALTERATIONS AND REMOVALS REQUIRED BY EXISTING CONDITIONS DISCOVERED BY THE CONTRACTOR IN THE FIELD AND NOT INDICATED ON THE DRAWINGS, SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH HIS WORK.

6. ANY REMAINING MISCELLANEOUS ELEMENTS IN THE AREA OF WORK DEFINED WHICH ARE NOT DIRECTLY COVERED BY NOTES OR DRAWINGS, ARE TO BE REMOVED TO PROVIDE FOR A CLEAN LEVEL SURFACE.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND LEGAL DISPOSAL OF DEBRIS FROM PROJECT SITE.

8. DEMOLITION AND REMOVAL SHALL BE CONDUCTED IN A SAFE, NEAT, CLEAN WORKMANLIKE MANNER STORM SEWER SYSTEM WILL NOT BE USED. (REMOVAL ON DAILY BASIS LEAVING AREAS CLEAN). PROTECT AREAS NOT DESIGNATED TO BE DEMOLISHED.

9. DEMOLITION AND REMOVAL OPERATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL APPLICABLE LAWS AND CODES AND IN A MANNER TO AVOID DAMAGE TO PERSONS AND/OR DAMAGE TO ANY PROPERTY.

10. OPEN BURNING OR EXPLOSIVES WILL NOT BE PERMITTED.

11. UPON COMPLETION OF DEMOLITION, THE ENTIRE AREA SHALL BE CLEANED OF ALL DEBRIS AND PREPARED FOR NEW CONSTRUCTION.

12. GENERAL CONTRACTOR SHALL LOCATE, IDENTIFY, STUB-OFF AND DISCONNECT UTILITY SERVICES AT SOURCE THAT ARE NOT INDICATED TO REMAIN.

13. ALL ITEMS OF SALVAGEABLE VALUE, AS DETERMINED BY THE OWNER SHALL BE CAREFULLY REMOVED, CLEANED AND STORED IN AN AREA DESIGNATED BY THE OWNER.

14. CONTRACTOR SHALL COORDINATE WITH AN AUTHORIZED REPRESENTATIVE OF OWNER TO DETERMINE WHAT EXISTING MATERIALS THEY WANT TO SPARE FROM THE DEMOLITION AND BE RECYCLED/SALVAGE SUCH AS:
    ELECTRICAL LIGHTING POLES AND LAMPS, MECHANICAL PUMPS EQUIPMENT, WINDOWS AND DOORS, PLUMBING EQUIPMENT, FURNITURE, AIR CONDITIONING EQUIPMENT, EXPOSED METAL ROOF, ETC. ALL RECYCLED/SALVAGE MATERIAL SHALL BE DELIVERED TO THE LOCATION DETERMINED BY OWNER.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRANSPORTATION TO A PREVIOUSLY DESIGNATED SITE OF ALL EQUIPMENT AND MATERIALS THAT THE OWNER WISHES TO PRESERVE.

16. THE GENERAL CONTRACTOR SHALL CONFIRM WITH ARCHITECT BEFORE REMOVAL OF UTILITY SERVICES INFRASTRUCTURE EQUIPMENT AND/OR ACCESSORIES.

17. THE GENERAL CONTRACTOR SHALL REMOVE AND TIE OFF OR PLUG UTILITY SERVICES AT THEIR SOURCE.

19. ALL ITEMS OF SALVAGEABLE VALUE, AS DETERMINED BY THE OWNER, SHALL BE CAREFULLY REMOVED, CLEANED, STORED AND TURNED OVER TO THE OWNER, G.C. TO OBTAIN A RECEIPT. THESE ITEMS SHALL BE STORED FOR THE BUILDING IN AN AREA DESIGNATED BY THE OWNER.

20. EXISTING CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE REVIEWED WITH ARCHITECT PRIOR TO REMOVAL.

21. G.C. TO COORDINATE DEMOLITION & CONSTRUCTION WITH OWNER & PROVIDE A CONSTRUCTION PHASING SCHEDULE.

22. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES FOR ALL PERMITS REQUIRED BY THE STATE AGENCY ENVIRONMENTAL QUALITY BOARD (J.C.A.), OGPe AND SAN JUAN MUNICIPAL GOVERNMENT PRIOR TO BEGIN ANY DEMOLITION WORKS.

REQUIREMENTS FOR CONSTRUCTION - 1:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE PROJECT AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE CONSTRUCTION STARTS.

2. IN CASE OF ANY DOUBT, OMISSION, ERROR OR DISCREPANCIES IN ANY DRAWING, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ANY DECISION IS MADE.

3. IN CASE OF ANY DISCREPANCY BETWEEN DRAWINGS AND TECHNICAL SPECIFICATIONS, DRAWINGS SHALL TAKE PRECEDENCE OVER SPECIFICATIONS

4. THE GENERAL CONTRACTOR SHALL TAKE ALL STEPS AND ARRANGEMENTS NECESSARY WITH ALL GOVERNMENT AGENCIES INVOLVED IN THE PROJECT TO OBTAIN THE OCCUPANCY PERMIT.

5. THE GENERAL CONTRACTOR SHALL MAKE PROVISIONS UPON THE AUCTION SALE AWARD TO ORDER FROM SUPPLIERS ALL ITEMS SPECIFIED HEREIN WHICH ARE NOT IN STOCK IN PUERTO RICO IN ORDER TO AVOID DELAYS OR CHANGES IN THE SPECIFIED PRODUCTS.

6. THE GENERAL CONTRACTOR SHALL SUBMIT IN WRITING (ORIGINAL TO ARCHITECTS AND DUPLICATE TO THE OWNER) ANY CHANGE TO AN SPECIFIED ITEM AND SHALL WAIT FOR ARCHITECT'S WRITTEN APPROVAL TO CONSIDERATE THE CHANGE AS ACCEPTED OR REJECTED. G.C TO SUBMIT FORM "CONTRACTORS REQUEST FOR SUBSTITUTIONS" DULY COMPLIMENTED AS REQUIREMENT FOR ARCHITECT'S REVIEW OF SUBMITTAL.

7. THE GENERAL CONTRACTOR SHALL SUBMIT TO THE ARCHITECT & THE OWNER PHYSICAL SAMPLES OF SPECIFIED MATERIALS, MANUFACTURERS LITERATURE OF SPECIFIED EQUIPMENT, AS WELL AS SHOP DRAWINGS, WHEN SO REQUESTED IN THE PLANS OR THE SPECIFICATIONS.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS OF ANY SOILS COMPACTION TESTING, CYLINDER COMPRESSION TESTS, TEST PILES, CONCRETE CHLORINE ION PENETRATION TEST AND TENSILE STEEL TESTS AS REQUESTED BY OWNER OR ARCHITECT.

9. WORK SHALL BE COMPLETED BY CONTRACTOR AND ACCEPTED BY OWNER AND ARCHITECT ON THE DATE STIPULATED BY CONTRACT. EXTENSION ON TIME SHALL NOT BE ALLOWED, EXCEPT FOR CIRCUMSTANCES OF HIS CONTROL. SEE ITEM NO. 11 BELOW.

10. THE FORM "CERTIFICADO DE TIEMPO PERDIDO" WILL BE REQUIRED IN THE EVENT OF TIME LOST BY CONTRACTOR DUE TO CIRCUMSTANCES OUT OF HIS CONTROL. HE MUST FILL THIS FORM AND PRESENT IT TO THE ARCHITECT EACH TIME A LOSS OF TIME OCCURS.

11. THE GENERAL CONTRACTOR SHALL BE THE ONLY RESPONSIBLE FOR THE DESIGN, CONSTRUCTION AND THE LOCATION OF TEMPORARY PARTITIONS OR FENCES TO BE USED DURING DEMOLITION OR DURING THE CONSTRUCTION PROCESS, PARTITIONS/FENCES SHALL COMPLY WITH OSHA, AND SHALL PROTECT THE HEALTH, LIFE AND/OR PROPERTY OF ANY LABORER OF THE GENERAL CONTRACTOR, IT'S SUB-CONTRACTORS, USERS OR PASSER-BY OF THE PROJECT.

12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF ALL OF HIS EMPLOYEES AND ALL SUBCONTRACTORS, THEIR AGENTS AND EMPLOYEES AND ALL OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE GENERAL CONTRACTOR.

13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PROJECT.

14. THE GENERAL CONTRACTOR SHALL DESIGNATE A RESPONSIBLE MEMBER OF HIS/HER ORGANIZATION AT THE PROJECT, WHOSE DUTY SHALL BE THE PREVENTION OF ACCIDENTS.

15. THE GENERAL CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR THE SAFETY, EFFICIENCY AND ADEQUACY OF HIS PLANT, APPLIANCES, AND METHODS, AND FOR ANY DAMAGE WHICH MAY RESULT FROM THEIR FAILURE OR THEIR IMPROPER CONSTRUCTION, MAINTENANCE, OR OPERATION.

16. THE RESIDENT INSPECTOR SHALL ALSO SUPERVISE ALL SAFETY PRECAUTIONS AND PROGRAMS INITIATED BY THE GENERAL CONTRACTOR.

17. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE GENERAL CONTRACTOR, ANY SUBCONTRACTORS, OR ANY OF THEIR AGENTS OR EMPLOYEES, OR OTHER PERSONS PERFORMING ANY KIND OF WORK.

18. THE CONTRACTOR AND ITS INSURERS SHALL "SAVE AND HOLD HARMLESS" THE OWNER (DDEC) AND ARCHITECT FROM AND AGAINST ANY CLAIMS, DEMANDS AND/OR SUITS, WHETHER JUDICIAL OR EXTRA-JUDICIAL FOR ANY CAUSE WHATSOEVER, ARISING OUT OF OR RELATED TO THE EXECUTION OF THIS CONTRACT, AND THE CONTRACTOR AND ITS INSURER SHALL DEFEND THE OWNER AND ARCHITECT FROM SUCH CLAIMS, DEMANDS AND OR SUITS AND SHALL BEAR ALL THE EXPENSES FOR SUCH DEFENSE. THE CONTRACTOR AGREES TO PAY OR TAKE CARE OF ANY DEBTS, LAWSUITS, OR CLAIMS THAT MAY ARISE FROM THE CONTRACT. THE CONTRACTOR SHALL DELIVER COPY OF DOCUMENTATION AT KICK-OFF CONSTRUCTION MEETING.

19. GENERAL CONTRACTOR DURING CONSTRUCTION OPERATIONS SHOULD MAINTAIN A SECURE PERIMETER AT STAGING AREA, MAIN ELECTRICAL AND MECHANICAL ROOMS.

20. GOVERNMENT IMPACT FEES: AS PREPA, PRASA AND DTOP SHALL BE PAID BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PAY MUNICIPAL CONSTRUCTION TAXES ("ARBITRIOS"), MUNICIPAL OPERATION TAXES ("PATENTES") AND WORKMEN COMPENSATION ("FONDO")

22. ALL FEDERAL PERMITS AND STATE PERMITS ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR (FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES). ENVIRONMENTAL QUALITY BOARD (J.C.A.): PLAN CEST, DS-3, EMISSIONS CONTROL PERMITS AND DEPARTMENT OF ENVIRONMENTAL RESOURCES (DRNA): **"**MOVIMIENTO DE CORTEZA TERRESTRE**"**.

23. THE CONTRACTOR SHALL INCLUDE IN THE COST OF THE PROJECT THE INSTALLATION AND MAINTENANCE OF TWO (2) PORT-A-LETS, ONE (1) HAND CLEANING STATIONS AND ANY OTHER SANITARY REQUIREMENT FOR HIS CONSTRUCTION OPERATION.

24. THE CONTRACTOR SHALL INCLUDE IN THE COST OF THE PROJECT THE INSTALLATION AND MAINTENANCE OF TWO (2) SEPARATES TRAILER OFFICES: ONE FOR GENERAL CONTRACTOR'S USE AND OTHER FOR OWNER'S RESIDENT INSPECTOR AND PROJECT MANAGER USE (ARCHITECT/ENGINEER) DURING THE ENTIRE CONSTRUCTION PERIOD (ONE PRIVATE OFFICE AND EIGHT (8) PERSONS CONFERENCE AREA FOR WEEKLY MEETINGS). EACH TRAILER OFFICE SHALL BE PROVIDED WITH A/C, ELECTRIC POWER, POTABLE WATER AND SANITARY SERVICE. GENERAL CONTRACTOR SHALL FILL AND PAID ALL RELATED PERMITS FOR THE TEMPORARY PROVISION OF THIS SERVICES. REFER TO SPECIFICATIONS, SECTION M – 110 FIELD OFFICE AND SHEDS.

25. CONTRACTOR SHALL MAKE PROVISIONS SO THAT OPERATIONS WITHIN THE EXISTING BUILDING AND OR SITE ARE NOT INTERRUPTED IN ANY WAY DURING CONSTRUCTION. WORK MUST BE COORDINATED BETWEEN CONTRACTOR AND OWNER.

26. UNLESS OTHERWISE SPECIFIED ALL INTERIOR WALL SURFACES TO BE FINISH WITH EPOXY PAINT OR AS INDICATED ON SPECIFICATION BOOK AND ON DRAWINGS.

27. UNLESS OTHERWISE SPECIFIED ALL INTERIOR CEILING SURFACES TO BE FINISH WITH EPOXY PAINT OR AS INDICATED ON SPECIFICATION BOOK AND ON DRAWINGS.

28. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR "LEVANTE DEL PERMISO DE CONSTRUCCION" FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES.

29. THE CONTRACTOR SHALL PAID ALL GOVERNMENT IMPACT FEES SUCH AS PREPA, PRASA. ETC.

30. ALL ENVIRONMENTAL TESTING SHALL BE FULL RESPONSIBILITY AND PAID BY THE GENERAL CONTRACTOR..

31. THE CONTRACTOR SHALL INCLUDE IN THE COST OF THE PROJECT THE INSTALLATION AND MAINTENANCE OF TWO (2) SEPARATES OFFICES FOR USE OF CONTRACTOR AND PRIDCO SUPERVISION AND ARCHITECT/ENGINEER DURING THE ENTIRE CONSTRUCTION PERIOD.

32. WHEREVER "PRIDCO" IS INDICATED REFER'S TO THE OWNER "PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY".

33. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES FOR ALL PERMITS REQUIRED BY THE STATE AGENCY ENVIRONMENTAL QUALITY BOARD (J.C.A.) - PERMIT FOR ACTIVITIES THAT GENERATES OF NON-HAZARDOUS SOLID WASTE PERMIT (DS3).

34. THE CONTRACTOR SHALL SUBMIT PAYMENT TO THE PERMIT MANAGEMENT OFFICE (OGPe) STAMPS OF THE "COLEGIO DE INGENIEROS Y AGREIMENSORES" (CIAPR) IN THE AMOUNT OF $1.00 FOR EACH $1,000.00 FOR THE DIFFERENCE BETWEEN THE AMOUNT OF THE ESTIMATE CONSTRUCTION COST IN THE CONSTRUCTION PERMIT AND THE ACTUAL CONSTRUCTION COST OF THE PROJECT (BID PRICE + CHANGE ORDERS) AT THE MOMENT OF SUBMITTING THE OCCUPANCY PERMIT (PERMISO DE USO). CHANGE ORDERS WILL BE SUBJECT TO THE PAYMENT OF CIAPR STAMPS BY THE CONTRACTOR FOR $1.00 FOR EACH $1,000.00 OF THE COST OF THE CHANGE ORDER.

35. THE CONTRACTOR SHALL SUBMIT EVIDENCE OF THE PAYMENT OF CONSTRUCTION MUNICIPAL TAXES (PATENTES / ARBITRIOS MUNICIAPALES DE CONSTRUCCION) AND STATE WORKMEN COMPENSATION INSURANCE (POLIZA FONDO DEL SEGURO DEL ESTADO) TO THE PROJECT MANAGER/OWNER, ARCHITECT AND RESIDENT INSPECTOR, DURING THE FIRST SEVEN (7) DAYS AFTER THE OWNER'S ORDER TO PROCEED.

36. GENERAL CONTRACTOR SHALL HIRE AN "INSPECTOR AUTORIZADO" FOR THE FILLING OF THE FIRE PREVENTION CERTIFICATE AND THE HEALTH CERTIFICATE TO EXPEDITE THE PROCESS OF OBTAIN THE OCCUPANCY PERMIT

37. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES FOR ALL PERMITS, EVEN IF THE CONSTRUCTION INDUSTRY COMMON PRACTICE OR CONSTRUCTION DOCUMENTS SAYS IS OWNER/PERMITTE RESPONSIBILITY.

38. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FILLING OUT FORMS AND PAY FEES FOR ISSUE OF THE BUILDING OCCUPANCY PERMIT ("PERMISO DE USO") PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT.

39. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FILLING OUT FORMS AND PAY FEES TO PUERTO RICO AQUEDUCT AND SEWER AUTHORITY (PRASA) FOR CONNECTION (TAPPING, METERS, INSPECTIONS, ECT.) TO THE MUNICIPAL WATER SYSTEM.

40. THE GENERAL CONTRACTOR SHALL SUBMIT COMPLETE RECORDS DRAWINGS OF FINAL CONSTRUCTION. THESE DRAWINGS SHALL BE SIGNED AND SEALED BY A PUERTO RICO REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL ARCHITECT REGISTERED IN PUERTO RICO. INCLUDE PRE AND POST CONSTRUCTION PHOTOGRAPHS OF PROJECT SITE.

41. GENERAL CONTRACTOR SHALL REMOVE AND DISPOSE TO IN UPLAND LANDFILL SITE APPROVED BY THE STATE AGENCY ENVIRONMENTAL QUALITY BOARD (EQB) ANY MATERIAL REMOVED FROM PROJECT SITE. THE EQB, AS PART THE CONSOLIDATED PERMIT (FORM PGC-001), REQUIRES A SIGNED CONTRACT / AGREEMENT BETWEEN THE GENERAL CONTRACTOR (WASTER GENERATOR) AND THE WASTE COMPANY (WASTE RECEPTOR) THAT WILL ACCEPT TO RECEIVE THE NON-HAZARDOUS SOLID WASTE IN THEIR LANDFILL (THIS LANDFILL MUST BE PREVIOUSLY APPROVED BY THE EQB).

42. GENERAL CONTRACTOR SHALL SUBMIT A COMPLETE "SUBMITTAL" DOCUMENT FOR EVALUATION (COVER GENERAL CONTRACTOR LETTER WITH SPACE FOR ARCHITECT/ENGINNERS SEAL, NUMBERED DOCUMENT.

43. GENERAL CONTRACTOR SHALL SUBMIT CONTRACTS WITH MAIN LAND LANDFILLS FOR THE MANAGEMENT (STORAGE, TRANSPORTATION, RECYCLING AND FINAL DISPOSITIONS) OF THE CONSTRUCTION DEBRIS.

44 GENERAL CONTRACTOR SHALL COORDINATE WITH OWNER TO PROVIDE LIMITED PEDESTRIAN AND VEHICULAR ACCESS TO PROJECT TO STATE AND FEDERAL AGENCIES, BUT NOT LIMITED TO:

A. "DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES OF PUERTO RICO"
B. "OFICINA DE GERENCIA DE PERMISOS - OGPE"
C. "INSTITUTO DE CULTURA PUERTORRIQUEÑA (ICPR)"
D. PUERTO RICO STATE HISTORIC PRESERVATION OFFICE (PRSHPO)

45 GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY PUBLIC ACCESS THROUGH ELEVATOR LOBBY. MAINTAIN SAFE, CODE-COMPLIANT AND ADA/ACCESSIBLE ACCESS THROUGH THE ELEVATOR LOBBY TO OCCUPIED AREAS AT ALL TIMES DURING CONSTRUCTION. DO NOT OBSTRUCT REQUIRED MEANS OF EGRESS OR ACCESSIBLE ROUTES.

REQUIREMENTS FOR CONSTRUCTION - 2:

i. STATE AND FEDERAL PERMITS AND PAYMENTS:

1. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES FOR ALL PERMITS REQUIRED BY FEDERAL AND STATE AGENCIES:

ENVIRONMENTAL PROTECTION AGENCY (EPA)

- NOTICE OF INTENT (NOI)
- NOTICE OF TERMINATION (NOT)
- SOIL EROSION AND SEDIMENT CONTROL PLAN (FILLING, DEVELOPMENT AND IMPLEMENT)

ENVIRONMENTAL QUALITY BOARD (EQB)

- CONSOLIDATED PERMIT - DS3/CES PLAN/SOLID WASTE (FORM PGC-001)

OFICINA DE GERENCIA Y PERMISOS (OGPE)

- "LEVANTE" OF CONSTRUCTION PERMIT
- OCCUPANCY PERMIT (PROVISIONAL AND FINAL)
- CERTIFICADO DE PREVENCIÓN DE INCENDIOS
- PUCE-CERTIFICADO DE SALUD AMBIENTAL
- PROJECT SIGN FABRICATION, INSTALLATION
- PROJECT PHOTOGRAPHIC DOCUMENTATION (PRE-MOVILIZATION, DEVELOPMENT & CLOSURE)
- PAYMENT OF CONSTRUCTION MUNICIPAL TAXES
- PAYMENT OF FONDO DEL SEGURO DEL ESTADO (FSE)
- PAYMENT OF ADDITIONAL CAIPR / CAAPPR STAMPS (CHANGE IN SCOPE AND OTHER CHANGE ORDERS)

"PUERTO RICO AQUEDUCT AND SEWER AUTHORITY - PRASA"

- FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES FOR ALL PERMITS.

PUERTO RICO ELECTRIC POWER AUTHORITY - AEE

- FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR PERMITTING AND PAY FEES FOR ALL PERMITS.

ii. REQUIREMENTS FOR CONSTRUCTION:

1. PROVIDE FIRE RATED PARTITION DURING THE MODERNIZATION OF ELEVATORS. BARRIER MUST EXTEND TO THE FULL HEIGHT OF THE ELEVATOR ENTRANCE AND MUST BE DUST AND VAPOR PROOF WITH DUST ABSORBING MATS AT ACCESS POINTS.

2. NO WORK MAY BEGIN ON ANY ELEVATOR UNTIL ALL MATERIALS FOR THAT ELEVATOR HAVE BEEN DELIVERED TO THE SITE AND VERIFIED BY THE CONTRACTING OFFICER AND/OR CONTRACTING OFFICER'S REPRESENTATIVE.

3. EXISTING 12" X 12" VINYL FLOOR TILES AT THE FREIGHT ELEVATOR LOBBY HAVE BEEN IDENTIFIED OR ARE ASSUMED TO CONTAIN ASBESTOS. THESE TILES ARE TO REMAIN IN PLACE AND SHALL NOT BE DISTURBED, REMOVED, CUT, DRILLED, SANDED, OR ABRADED UNDER ANY CIRCUMSTANCE DURING DEMOLITION OR CONSTRUCTION ACTIVITIES.

4. REMOVE AND LEGALLY DISPOSE OF DESIGNATED EXISTING MATERIALS, EQUIPMENT, FIXTURES, OR COMPONENTS AS INDICATED IN THE DRAWINGS AND SPECIFICATIONS. ALL REMOVALS SHALL BE CONDUCTED IN ACCORDANCE WITH APPLICABLE SAFETY, ENVIRONMENTAL, AND REGULATORY REQUIREMENTS. PROTECT ADJACENT FINISHES DURING REMOVAL. MATERIALS SHALL NOT BE ABANDONED IN PLACE UNLESS SPECIFICALLY NOTED.

5. SIGNS: BRAILLE AND TACTILE SIGNS ARE REQUIRED TO MEET ADA ACCESSIBILITY STANDARDS.

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

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SHEET TITLE

GENERAL NOTES AND LEGENDS

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DRAWING NO.

REQUIREMENTS FOR CONSTRUCTION - 3:

I. PHASED ELEVATOR CONSTRUCTION AND MATERIAL HANDLING REQUIREMENTS

TO FACILITATE SCHEDULE EFFICIENCY AND LONG-LEAD EQUIPMENT COORDINATION, THE OWNER SHALL AUTHORIZE A PARTIAL NOTICE TO PROCEED (PNTP) SPECIFICALLY FOR THE PURPOSE OF INITIATING ELEVATOR EQUIPMENT PROCUREMENT. THIS PNTP WILL ALLOW THE CONTRACTOR TO PROCEED WITH THE FOLLOWING:

A. SUBMISSION OF MANUFACTURER'S SUBMITTALS, INCLUDING PRODUCT DATA, SHOP DRAWINGS, AND COORDINATION LAYOUTS, FOR REVIEW AND APPROVAL BY THE ARCHITECT AND ENGINEER OF RECORD.

B. PLACEMENT OF ELEVATOR EQUIPMENT ORDERS UPON APPROVAL OF SUBMITTALS AND RELEASE BY THE OWNER.

CERTIFICATION FOR PAYMENT – ELEVATOR EQUIPMENT STORED OFF-SITE (MATERIALS STORED FOR FUTURE INSTALLATION)
PAYMENT FOR ELEVATOR EQUIPMENT STORED OFF-SITE AS MATERIALS ON HAND SHALL BE CONTINGENT UPON THE FOLLOWING CONDITIONS:

1. THIRD-PARTY INSPECTION AND CERTIFICATION

A. EQUIPMENT MUST BE INSPECTED AND CERTIFIED BY THE OWNER'S REPRESENTATIVE OR INSPECTOR PRIOR TO APPROVAL OF PAYMENT.

B. WRITTEN CERTIFICATION MUST BE ISSUED CONFIRMING COMPLETENESS, CONDITION, AND STORAGE COMPLIANCE.

2. APPROVED STORAGE FACILITY

A. EQUIPMENT SHALL BE STORED IN A MUTUALLY AGREED, SECURE, INDOOR WAREHOUSE WITH APPROPRIATE ENVIRONMENTAL CONTROLS (DRY, DUST-FREE, TEMPERATURE STABLE). HANDLING, SECURITY AND STORAGE FEES ARE INCLUDED ON BID PROPOSAL.

B. THE STORAGE FACILITY MUST OFFER 24/7 ACCESS TO THE OWNER AND OWNER'S REPRESENTATIVE FOR INSPECTION AND INVENTORY VERIFICATION.

3. INSURANCE AND OWNERSHIP DOCUMENTATION

A. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION DEMONSTRATING THAT THE MATERIALS ARE CLEARLY LABELED AS PROPERTY OF THE OWNER.

B. THE MATERIALS SHALL BE FULLY INSURED AGAINST DAMAGE, LOSS, OR THEFT, WITH THE OWNER NAMED AS LOSS PAYEE.

4. INVENTORY CONTROL AND CONDITION MONITORING

A. THE CONTRACTOR SHALL SUBMIT A DETAILED INVENTORY LIST WITH SERIAL NUMBERS, DESCRIPTIONS, AND STORAGE LOCATION MAP.

B. REGULAR CONDITION REPORTS SHALL BE SUBMITTED MONTHLY, INCLUDING PHOTOGRAPHS AND INSPECTION LOGS.

II. SITE DELIVERY AND CONSTRUCTION SEQUENCING

1. NO ELEVATOR CONSTRUCTION WORK MAY COMMENCE (E.G., ROUGH-INS, PIT WORK, RAIL INSTALLATION, OR CAB ERECTION) FOR ANY SPECIFIC ELEVATOR UNTIL ALL MAJOR EQUIPMENT COMPONENTS FOR THAT ELEVATOR (INCLUDING HOIST MACHINES, CONTROLLERS, DOOR EQUIPMENT, CABS, AND RAILS) HAVE BEEN:

A. DELIVERED TO THE DESIGNATED PROJECT WAREHOUSE OR PROJECT SITE.

B. VERIFIED IN QUANTITY AND CONDITION BY THE CONTRACTING OFFICER OR THE CONTRACTING OFFICER'S REPRESENTATIVE (COR).

2. THIS REQUIREMENT ENSURES PROPER SEQUENCING, ELIMINATES THE RISK OF PARTIAL INSTALLATION, AND SUPPORTS A PHASED CONSTRUCTION STRATEGY MINIMIZING VERTICAL TRANSPORTATION DOWNTIME.

III. TEMPORARY BARRIERS AND SECURITY DURING CONSTRUCTION

1. TEMPORARY BARRIERS SERVE AS A BUFFER BETWEEN THE ELEVATOR HOISTWAY AND THE SURROUNDING BUILDING STRUCTURE, HELPING TO ISOLATE MECHANICAL VIBRATIONS, NOISE, AND FIRE/SMOKE TRANSFER BETWEEN THE SHAFT AND ADJACENT OCCUPIED SPACES.

2. PROVIDE FIRE RATED PARTITION DURING THE MODERNIZATION OF ELEVATORS. BARRIER MUST EXTEND TO THE FULL HEIGHT OF THE ELEVATOR ENTRANCE AND MUST BE DUST AND VAPOR PROOF WITH DUST ABSORBING MATS AT ACCESS POINTS.

3. CONTRACTOR SHALL GUARANTEE UNINTERRUPTED ACCESS TO DESIGNATED AREAS FOR OWNER'S PERSONNEL THROUGHOUT THE CONSTRUCTION PERIOD.

IV. ELEVATORS TEMPORARY USED DURING CONSTRUCTION

IF ELEVATOR USE IS REQUIRED PRIOR TO SUBSTANTIAL COMPLETION, GENERAL CONTRACTOR SHALL OBTAIN AN AHJ TEMPORARY USE PERMIT, PROVIDE PROTECTION, CLEANING, AND REPAIR OF DAMAGE, AND MAINTAIN COVERAGE UNDER THE ELEVATOR CONTRACTOR'S CONSTRUCTION-USE WARRANTY. TEMPORARY USE DOES NOT SATISFY THE SUBSTANTIAL COMPLETION CERTIFICATION REQUIREMENT UNLESS THE AHJ EXPLICITLY AUTHORIZES PUBLIC/PASSENGER USE.

III. HAZARDOUS WASTE HANDLING AND DISPOSAL - HYDRAULIC OIL

1. GENERAL REQUIREMENTS:
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, COMMONWEALTH OF PUERTO RICO, AND LOCAL ENVIRONMENTAL REGULATIONS, INCLUDING BUT NOT LIMITED TO:
A. EPA 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL.
RESOURCE CONSERVATION AND RECOVERY ACT (RCRA).
B. PUERTO RICO ENVIRONMENTAL QUALITY BOARD (JUNTA DE CALIDAD AMBIENTAL / DRNA) REQUIREMENTS.
C. ASME A17.1 §8.6.5.7 - REMOVAL AND PROPER DISPOSAL OF CONTAMINATED LIQUIDS.
- ALL HYDRAULIC OIL REMOVED FROM CYLINDERS, RESERVOIRS, PIPING, OR PITS SHALL BE COLLECTED, STORED, TRANSPORTED, AND DISPOSED OF IN ACCORDANCE WITH THESE REGULATIONS.

2. COLLECTION AND STORAGE
A. OIL SHALL BE DRAINED INTO CLOSED, COMPATIBLE, AND PROPERLY LABELED CONTAINERS.
B. CONTAINERS SHALL BE CLEARLY MARKED AS:
"USED OIL" IF CLASSIFIED AS SUCH, OR
"HAZARDOUS WASTE - OIL" IF TESTING CONFIRMS CONTAMINATION BEYOND USED OIL CRITERIA.
- STORAGE CONTAINERS SHALL BE PLACED ON SECONDARY CONTAINMENT (SPILL PALLETS OR BERMS) AND KEPT SEALED AT ALL TIMES WHEN NOT IN USE.

3. TRANSPORTATION AND DISPOSAL
- USED OIL OR HAZARDOUS OIL WASTE SHALL BE REMOVED FROM THE SITE BY A LICENSED HAZARDOUS WASTE/USED OIL TRANSPORTER AUTHORIZED IN PUERTO RICO.
- THE CONTRACTOR SHALL PROVIDE:
HAZARDOUS WASTE MANIFESTS FOR OIL CLASSIFIED AS HAZARDOUS WASTE, OR
BILLS OF LADING FOR OIL MANAGED AS USED OIL.
- OIL SHALL BE DISPOSED OF OR RECYCLED ONLY AT AN EPA- AND EQB-APPROVED FACILITY.

4. SPILL PREVENTION AND EMERGENCY RESPONSE
- THE CONTRACTOR SHALL MAINTAIN SPILL KITS (ABSORBENT PADS, BOOMS, NEUTRALIZERS) IN THE MACHINE ROOM AND PIT DURING REMOVAL ACTIVITIES.
- ANY RELEASE TO SOIL, DRAINS, OR GROUNDWATER SHALL BE REPORTED IMMEDIATELY TO THE OWNER, EQB/DRNA, AND EPA AS REQUIRED BY LAW.

5. DOCUMENTATION AND CLOSEOUT
- COPIES OF ALL MANIFESTS, DISPOSAL RECEIPTS, AND TRANSPORTER CERTIFICATIONS SHALL BE SUBMITTED TO THE OWNER AS PART OF THE PROJECT CLOSEOUT DOCUMENTS.
- THE CONTRACTOR SHALL MAINTAIN A LOG OF VOLUMES REMOVED, STORED, AND DISPOSED.
- TRAINING RECORDS FOR PERSONNEL HANDLING OIL SHALL BE PROVIDED IF REQUESTED

IV. ENVIRONMENTAL PROTECTION DURING CONSTRUCTION - ASBESTOS-CONTAINING MATERIAL
1. EXISTING 12" X 12" VINYL FLOOR TILES AT THE FREIGHT ELEVATOR LOBBY HAVE BEEN IDENTIFIED OR ARE ASSUMED TO CONTAIN ASBESTOS.
2. THESE TILES ARE TO REMAIN IN PLACE AND SHALL NOT BE DISTURBED, REMOVED, CUT, DRILLED, SANDED, OR ABRADED UNDER ANY CIRCUMSTANCE DURING DEMOLITION OR CONSTRUCTION ACTIVITIES.
3. INSTALL TEMPORARY PROTECTIVE FLOOR COVERING:
A. INSTALL COVERING COMPLETELY THE LOBBY SURFACE AREA SACRIFICIAL 1/4" PLYWOOD PANELS WITH A PHENOLIC RESIN FILM COATING FOR SLIP RESISTANCE AND WATER RESISTANCE. AS A TEMPORARY PROTECTIVE FLOOR COVERING OVER EXISTING FLOORING SURFACES DESIGNATED TO REMAIN. PANELS SHALL BE SECURELY PLACED, FLUSH-JOINTED, AND ADEQUATELY FASTENED OR WEIGHTED TO PREVENT SHIFTING OR TRIPPING HAZARDS.
B. PROTECTION SHALL REMAIN IN PLACE UNTIL REMOVED BY THE EPOXY FLOORING CONTRACTOR IN A SUBSEQUENT PHASE (NIC), IMMEDIATELY PRIOR TO APPLICATION OF THE TROWEL-APPLIED RESINOUS FLOORING SYSTEM.
C. CONTRACTOR SHALL ENSURE THAT PROTECTIVE COVERING IS MAINTAINED IN GOOD CONDITION, CLEAN, AND DRY THROUGHOUT ITS USE DURING ELEVATOR MODERNIZATION WORKS.

V. SELECTIVE DEMOLITION OF PIT SLAB

ELEVATOR PIT SUMP (24"×24"×24"): CONTRACTOR DURING THE DEMOLITION OF EXISTING ELEVATOR PIT SLAB MAY ENCOUNTER HIGH GROUNDWATER, SATURATED SUB-GRADE, AND/OR AN EXISTING MAT FOUNDATION OR THICK, HEAVILY REINFORCED SLAB. INCLUDE IN YOUR BASE BID:

(A) PRE-WORK GPR SCANNING/CORE CHECKS TO LOCATE REINFORCING, POST-TENSIONING, EMBEDS, AND CONDUITS.

(B) CONTROLLED, WET-METHOD SAWCUT AND DEMOLITION TO AVOID VIBRATION/OVER-BREAK. (C) TEMPORARY DEWATERING/CONTAINMENT AND DISPOSAL COMPLIANT WITH LOCAL REGULATIONS (NO DISCHARGE OF OILY WATER TO SEWER).

(D) EDGE PROTECTION/SHORING AS NEEDED TO MAINTAIN SLAB INTEGRITY;

(E) PROTECTION/RESTORATION OF ANY EXISTING VAPOR BARRIERS OR COATINGS. IF MAT FOUNDATION THICKNESS/STEEL CONGESTION OR UNFORESEEN CONDITIONS PRECLUDE THE RECESSED SUMP, CARRY AN ALTERNATE DETAIL (SURFACE-MOUNTED STEEL/POLY SUMP BOX WITH CURB AND RAMP) PENDING STRUCTURAL ENGINEER DIRECTION; PRICE UNIT RATES FOR ADDITIONAL SAWCUTTING, ROCK/OBSTRUCTION REMOVAL, AND GROUNDWATER MANAGEMENT. COMPLY WITH OSHA SILICA RULES, CONFINED-SPACE PRECAUTIONS, AND MAINTAIN ADJACENT FINISHES CLEAN AND UNDAMAGED; PROVIDE PHOTOGRAPHIC PRE-CONDITION DOCUMENTATION AND AS-BUILT DIMENSIONS OF THE COMPLETED SUMP.

CONSTRUCTION WASTE MANAGEMENT

1. THE CONTRACTOR SHALL COORDINATE WITH A PRIVATE WASTE COMPANY (EXAMPLE: BFI, CONWASTE, ETC) FOR THE TRANSPORTATION OF CONSTRUCTION DEBRIS FROM THE JOB SITE TO A JCA APPROVED LANDFILL (PRIVATE OR OPERATED BY A MUNICIPAL GOVERNMENT). COMPANY PROFILE AND CONTRACT, AND LANDFILL ACCEPTANCES OF MATERIALS SHALL BE DELIVERED AS A SUBMITTAL TO ARCHITECT.

2. THE CONTRACTOR SHALL SHALL DIVERT FROM DISPOSAL ALL MATERIALS WITH RECYCLABLE VALUE GENERATED DURING THE DEMOLITION PROCESS. CRUSHED CONCRETE AND ASPHALT, STEEL RE-BARS SHALL BE REUSE IN MANY WAYS. IDENTIFIED A RECYCLING COMPANY (RECYCLING PLAN, COMPANY PROFILE AND CONTRACT SHALL BE DELIVERED AS A SUBMITTAL TO ARCHITECT) AND DOCUMENT THE REUSE OR POTENTIAL USE (LIST OF POTENTIAL COSTUMERS FOR THE MATERIALS, AND PREVIOUS PURCHASES) IN OTHER PROJECTS OF THIS MATERIALS AS SUB BASE FOR ROADS OR DRY AGGREGATE FOR BRAND NEW CONCRETE. LARGER PIECES OF CRUSHED CONCRETE CAN BE USED FOR EROSION CONTROL (RIP-RAP) ON ADJACENT SITES COORDINATE WITH PRPA-OWNER .

4. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO DEVELOP AND IMPLEMENT A CONSTRUCTION WASTE MANAGEMENT PLAN.

5. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR FILLING OUT FORMS, SUBMIT PROCEDURES AND METHODS FOR CONSTRUCTION WASTE MANAGEMENT PLAN TO THE "AUTORIDAD DE DESPERDICIOS SOLIDOS" (ADS).

6. THE GENERAL CONTRACTOR SHALL DESIGNATE A RECYCLE COORDINATOR, TO IMPLEMENT THE CONSTRUCTION WASTE MANAGEMENT PLAN.

7. DESIGNATE A SPECIFIC AREA ON SITE OR IN AT ADJACENT STAGING AREA FOR SEGREGATE MATERIALS. PROPER LABELING OF ALL RECYCLING FACILITIES. GC SHALL SUBMIT A PLAN OF THE LOCATION OF A READILY ACCESSIBLE AREA WHERE EITHER DISPOSAL OR PICKUP WILL BE EASY. THE RECYCLING AREA SHALL BE IN A WELL DRAIN AREA.

8. GENERAL CONTRACTOR SHALL KEEP A LOG OF RECYCLING EFFORTS. G. C. SHALL SUBMIT PROGRESS REPORTS EVERY MONTH TO ATM AND QUARTERLY REPORTS TO ADS. FAILURE TO SUBMIT ON TIME ENTITLE THE OWNER (ATM) TO PENALIZE THE GENERAL CONTRACTOR WITH $250.00 PER DAY FOR EACH DAY OF VIOLATION.

9. THE CONSTRUCTION WASTE MANAGEMENT PLAN SHALL INCLUDE THE RECYCLING OR DONATION OF SALVAGE MATERIALS TO CHARITABLE ORGANIZATIONS, PLANS TO TRAIN WORKERS IN THE RECYCLING PROCEDURES AND PLANS ON DUMPSTER AND WASTE REMOVAL PROCEDURES.

10. GENERAL CONTRACTOR SHALL KEEP TRACK OF RECYCLING EFFORTS THROUGH CONSTRUCTION PROCESS. G.C. SHALL KEEP RECORDS RECEIVES FROM THE RECYCLING COMPANIES OR LANDFILLS, I.E. RECEIPTS, OF RECYCLABLE AND WASTE DIVERSION PICKUPS, AND DONATION TO AS WELL. DUMPSTER SHALL BE PICK AS FULL AS POSSIBLE TO REDUCE THE ENVIRONMENTAL IMPACT OF TRANSPORTATION.

11. GENERAL CONTRACTOR SHALL IDENTIFIED CONTRACTION HAULERS AND RECYCLING COMPANIES TO HANDLE THE DESIGNATED MATERIALS, THIS HAULERS AND RECYCLING COMPANIES SHALL BE CERTIFIED / APPROVED BY THE BY THE STATE AGENCY ENVIRONMENTAL QUALITY BOARD (J.C.A.)

12. GENERAL CONTRACTOR SHALL ASSESS THE TYPES AND QUANTITIES OF THE RECYCLE/WASTE MATERIALS GENERATED DURING THE CONSTRUCTION PHASE AND THE DEMOLITION PHASE. COPY OF THESE PROJECTIONS SHALL BE SUBMITTED TO ATM AND ARCHITECT FOR APPROVAL. MATERIALS TO BE RECYCLED: CONCRETE, METAL, ASPHALT, CARDBOARD, BRICK, ACOUSTICAL TILE, PLASTICS, CLEAN WOOD, GLASS, GYPSUM BOARD, CARPET AND INSULATION

LEGEND:

PROPERTY LINE
PROJECT LIMIT
CHAIN LINK FENCE
ORNAMENTAL IRON FENCE
EXISTING TO BE DEMOLISHED OR REMOVED
EXISTING TO REMAIN
REINFORCED CONCRETE WALL, COLUMN OR SLAB
CONCRETE BLOCK WALL
LOW WALL OR PARAPET
GYPSUM BOARD WALL
PARTITION WITH INSULATION OR ISOLATION BLANKET

WALL SECTION IDENTIFCATION
SHEET WHERE IS DRAWN
SHEET WHERE FIRST SHOWN
GENERAL SECTION

SECTION IDENTIFICATION
SHEET WHERE IS DRAWN
SHEET WHERE FIRST SHOWN
WALL SECTION

DETAIL IDENTIFICATION
SHEET WHERE IS DRAWN
SHEET WHERE FIRST SHOWN
DETAIL

ELEVATION IDENTIFICATION
INDICATES DIRECTION
INTERIOR ELEVATION

DOOR IDENTIFICATION
HARDWARE
DOOR TYPE
DOOR IDENTIFICATION

101
FINISH IDENTIFICATION

WINDOW IDENTIFICATION
FD FLOOR DRAIN
RD ROOF DRAIN
FIRE EXTINGUISHER
EXIT SIGN
COLUMN CENTER LINE
COLUMN CENTER LINE
EXISTING GRADE ELEVATION
FINISHED GRADE ELEVATION
CHANGE OF FLOOR FINISH
F.F.E. FINISHED FLOOR LEVEL
R.L. RAIN LEADER
N.I.C. NOT INCLUDED IN CONTRACT
A.F.F. ABOVE FINISHED FLOOR
SHT. SHEET
CLG. CEILING
E.I.F.S. EXTERIOR INSULATION FINISH SYSTEM

NOTE: FOR SITE, STRUCTURAL, MECHANICAL AND ELECTRICAL LEGENDS REFER TO THOSE PARTICULAR DRAWINGS.

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CLIENT
DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.
CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

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DEMOLITION AND ENVIOMENTAL NOTES

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SHEET NO. 03-30
DRAWING NO. LN-02

I. ELEVATOR MODERNIZATION CONSTRUCTION CONDITIONS:

1. MATERIAL ON SITE
A. PARTIAL ORDER TO PROCEED: NO WORK MAY BEGIN ON ANY ELEVATOR UNTIL ALL MATERIALS FOR THAT ELEVATOR HAVE BEEN DELIVERED TO THE SITE STAGING AREA AND VERIFIED AND CERTIFIED BY THE CONTRACTING OFFICER AND/OR CONTRACTING OFFICER'S REPRESENTATIVE (DESIGNATED INSPECTOR) USING AS REFERENCE THE CONTRACT DOCUMENTS AND APPROVED SUBMITTALS.

2. ENVIRONMENTAL MANAGEMENT:
A. EXISTING 12" X 12" VINYL FLOOR TILES AT THE FREIGHT ELEVATOR LOBBY HAVE BEEN IDENTIFIED OR ARE ASSUMED TO CONTAIN ASBESTOS. THESE TILES ARE TO REMAIN IN PLACE AND SHALL NOT BE DISTURBED, REMOVED, CUT, DRILLED, SANDED, OR ABRADED UNDER ANY CIRCUMSTANCE DURING DEMOLITION OR CONSTRUCTION ACTIVITIES.

3. WASTE MANAGEMENT
REMOVE AND LEGALLY DISPOSE OF DESIGNATED EXISTING MATERIALS, EQUIPMENT, FIXTURES, OR COMPONENTS AS INDICATED IN THE DRAWINGS AND SPECIFICATIONS. ALL REMOVALS SHALL BE CONDUCTED IN ACCORDANCE WITH APPLICABLE SAFETY, ENVIRONMENTAL, AND REGULATORY REQUIREMENTS. PROTECT ADJACENT FINISHES DURING REMOVAL. MATERIALS SHALL NOT BE ABANDONED IN PLACE UNLESS SPECIFICALLY NOTED.

4. GENERAL SAFETY & COMPLIANCE
A. CODE COMPLIANCE - ALL WORK MUST COMPLY WITH ASME A17.1/CSA B44 (ELEVATOR AND ESCALATOR SAFETY CODE), IBC, NFPA 70 (NEC), NFPA 72 (FIRE ALARM CODE), AND OSHA CONSTRUCTION SAFETY STANDARDS.
B. PERMITS & INSPECTIONS - OBTAIN ALL REQUIRED ELEVATOR PERMITS PRIOR TO STARTING WORK; COORDINATE ALL INSPECTIONS WITH THE AUTHORITY HAVING JURISDICTION (AHJ) AND THE BUILDING OWNER'S REPRESENTATIVE. .
C. QUALIFIED PERSONNEL ONLY - ALL ELEVATOR WORK MUST BE PERFORMED BY LICENSED ELEVATOR MECHANICS AND HELPERS, WITH ELECTRICAL WORK BY LICENSED ELECTRICIANS. GENERAL CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS, TECHNICIANS AND HIS LICENSES AND CERTIFICATIONS AS A SUBMITTAL PRIOR TO START WORKS.
D. SUBSTANTIAL COMPLETION - GENERAL CONTRACTOR SHALL, PRIOR TO REQUESTING SUBSTANTIAL COMPLETION, SUBMIT FOR EACH ELEVATOR A CURRENT CERTIFICATE OF OPERATION TOGETHER WITH THE LICENSED ELEVATOR SUBCONTRACTOR'S SIGNED CERTIFICATION THAT INSPECTION AND TESTING PER ASME A17.1 HAVE BEEN COMPLETED AND THE UNIT IS APPROVED FOR ITS INTENDED (FREIGHT AND/OR PASSENGER) US
E. ELEVATOR INSPECTOR CERTIFICATION - THE FINAL CERTIFICATION MUST BE PERFORMED BY A THIRD-PARTY AUTHORIZED INSPECTOR. THIS INSPECTOR WILL BE SELECTED BY OWNERS CONSULTANT/INSPECTOR AND FULLY PAID BY CONTRACTOR.

5. SITE SECURITY & ACCESS CONTROL
A. RESTRICTED ACCESS - LOCKOUT/SECURE HOISTWAY ENTRANCES AND MACHINE ROOMS FROM UNAUTHORIZED ENTRY AT ALL TIMES.
B. SIGNAGE:
- POST CLEAR WARNING SIGNS: "ELEVATOR OUT OF SERVICE - AUTHORIZED PERSONNEL ONLY" AND ANY HAZARD-SPECIFIC SIGNAGE REQUIRED BY OSHA AND ASME A17.1.
- TEMPORARY WARNING SIGNS: BRAILLE AND TACTILE SIGNS ARE REQUIRED TO MEET ADA ACCESSIBILITY STANDARDS (REFER TO SIGN SCHEDULE AT DWG A-09 & A-10.

C. HOISTWAY BARRICADES:
- PROVIDE SOLID, LOCKABLE, NON-CLIMBABLE BARRIERS AT ALL HOISTWAY OPENINGS, WITH TOEBOARDS AT FLOOR LEVEL TO PREVENT DEBRIS FROM FALLING INTO THE SHAFT.
- PROVIDE FIRE RATED PARTITION DURING THE MODERNIZATION OF ELEVATORS. BARRIER MUST EXTEND TO THE FULL HEIGHT OF THE ELEVATOR ENTRANCE AND MUST BE DUST AND VAPOR PROOF WITH DUST ABSORBING MATS AT ACCESS POINTS.

D. MACHINE ROOM SECURITY:
- MAINTAIN LOCKED MACHINE ROOM DOORS; KEY CONTROL TO BE MANAGED BY THE CONTRACTOR AND OWNER.

6. FALL PROTECTION & HOISTWAY SAFETY
A. FALL PROTECTION - WORKERS INSIDE THE SHAFT MUST USE OSHA-COMPLIANT PERSONAL FALL ARREST SYSTEMS OR WORK PLATFORMS AS APPLICABLE.
B. HOISTWAY LIGHTING - PROVIDE TEMPORARY LIGHTING IN MACHINE ROOM, PIT, AND HOISTWAY PER NFPA 70 UNTIL PERMANENT FIXTURES ARE INSTALLED AND ENERGIZED.
C. PIT SAFETY - INSTALL PIT LADDERS, GFCI-PROTECTED RECEPTACLES, AND TEMPORARY COVERS OVER SUMP PITS AS REQUIRED FOR SAFE ACCESS.

7. POWER & LOCKOUT/TAGOUT
A. LOCKOUT/TAGOUT (LOTO) - DE-ENERGIZE ELEVATOR POWER SOURCES BEFORE STARTING WORK; LOCK AND TAG SWITCHES IN THE OFF POSITION.
B. MULTIPLE POWER SOURCES - POST NFPA 70-COMPLIANT WARNING SIGNAGE IF MORE THAN ONE SOURCE OF POWER SERVES THE ELEVATOR.
C. CONTROL OF HOISTING EQUIPMENT - ONLY QUALIFIED PERSONNEL MAY OPERATE TEMPORARY HOISTING OR LIFTING DEVICES.

8. FIRE & LIFE SAFETY
A. SMOKE & HEAT DETECTORS - PROTECT OR TEMPORARILY RELOCATE DETECTORS TO AVOID NUISANCE ALARMS; COORDINATE WITH FIRE ALARM CONTRACTOR.
B. SPRINKLER SYSTEMS - PROTECT EXISTING SPRINKLERS IN THE MACHINE ROOM AND HOISTWAY; RESTORE TO SERVICE PROMPTLY AFTER WORK EACH DAY.
C. EGRESS - MAINTAIN CLEAR, UNOBSTRUCTED ACCESS TO EXIT STAIRS; DO NOT BLOCK REQUIRED EXIT PATHS.

9. HOUSEKEEPING & HAZARD CONTROL
A. DEBRIS REMOVAL - REMOVE WASTE AND SCRAP DAILY; DO NOT STORE COMBUSTIBLE MATERIALS IN THE MACHINE ROOM, PIT, OR HOISTWAY.
B. DUST & NOISE CONTROL - USE CONTAINMENT TO MINIMIZE DUST MIGRATION; COMPLY WITH NOISE ORDINANCES AND BUILDING RESTRICTIONS.
C. MATERIAL STORAGE - STORE TOOLS AND MATERIALS ONLY IN DESIGNATED, SECURE AREAS; NOTHING SHALL BE LEFT IN THE HOISTWAY OVERNIGHT UNLESS SECURED.

10. COORDINATION & COMMUNICATION
A. DAILY COORDINATION - MEET WITH THE BUILDING REPRESENTATIVE DAILY TO REVIEW WORK PROGRESS, SCHEDULE, AND TENANT IMPACT.
B. SHUTDOWN NOTICES - PROVIDE ADVANCE WRITTEN NOTICE (TYPICALLY 48-72 HOURS) FOR ANY COMPLETE SHUTDOWN AFFECTING BUILDING SERVICE.
C. TENANT SAFETY - USE FLAGMEN OR ATTENDANTS IF WORK REQUIRES MATERIAL MOVEMENT THROUGH OCCUPIED SPACES.

II. FREIGHT ELEVATOR LOBBY DEMOLITION / CONSTRUCTION SCOPE OF WORK:

DEMOLITION / CONSTRUCTIONS ACTIVITIES WITHIN THE FREIGHT ELEVATOR LOBBIES SHALL BE STRICTLY LIMITED TO COMPONENTS ASSOCIATED WITH THE ELEVATOR SYSTEM. ALL WORK SHALL BE PERFORMED WITH CARE TO AVOID DAMAGE TO ADJACENT ARCHITECTURAL FINISHES, MECHANICAL SYSTEMS, AND ASBESTOS-CONTAINING MATERIALS. THE SCOPE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL / INSTALLATION OF THE FOLLOWING ELEMENTS:

1. VERTICAL BI-PARTING ELEVATOR DOORS, INCLUDING ALL ASSOCIATED TRACKS, HANGERS, AND HARDWARE.
2. PLATFORM TOE GUARD (APRON) LOCATED BENEATH THE ELEVATOR CAR THRESHOLD.
3. ENTRANCE FRAME ASSEMBLY, INCLUDING LINTEL, JAMBS, AND SILL PLATE.
4. HALL CONTROL STATIONS, INCLUDING BUTTON PANELS AND ASSOCIATED WIRING.
5. HOISTWAY ACCESS SWITCHES, INCLUDING KEY SWITCH, BOX, AND ANY REQUIRED SIGNAGE (REFER TO PROPOSED SIGNAGE).
6. ELEVATOR LOBBY FLOOR DESIGNATION SIGNAGE, INCLUDING DIRECTIONAL OR LEVEL MARKERS.

ALL REMOVALS / INSTALLATIONS SHALL COMPLY WITH APPLICABLE ELEVATOR CODES, ENVIRONMENTAL SAFETY REGULATIONS, AND THE PROJECT'S DEMOLITION AND ABATEMENT PROTOCOLS. COORDINATE WITH THE OWNER AND ELEVATOR CONTRACTOR PRIOR TO COMMENCEMENT.

REMOVE AND DISPOSE ALL WOOD OR VINYL BASES 12" AROUND THE ENTRANCE FRAME ASSEMBLY THAT LIMIT THE MODERNIZATION OF ELEVATOR ENTRANCE ELEMENTS.

III. ELEVATOR MODERNIZATION ALTERNATE ADDITIONAL WORKS:

ALTERNATE COST FOR ADDITIONAL WORKS: REUSE, REFURBISH AND REPLACEMENT OF EQUIPMENT						
		BASE BID: REFURBISH ITEMS REFER TO: **GUIDE FOR HYDRAULIC FREIGHT ELEVATOR PRIDCO** (S-1340-0-82-00) SAN JUAN, PR PREPARED BY: DIAZ CONSULTING LLC CARLOS J DIAZ REYES, BSME, PROSHA-062			**ALTERNATE ADDITIONAL WORKS** PROVIDE ADDITIVE COST AND SCHEDULE IMPACT FOR ADDITIONAL WORK DEEMED NECESSARY FOLLOWING THE ASSESSMENT OF EXISTING CONDITIONS.	
ITEM	**EQUIPMENT**	**EVALUATION**	**ACTION**	**REMARKS**	**ACTION**	**REMARKS**
1	GUIDE RAILS	SURVEY AND STRUCTURAL ASSESSMENT BY CONTRACTOR	REFURBISH	RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODES REQUIREMENTS.	REPLACE	PROVIDE CODE-COMPLIANT EQUIPMENT.
2	PIT BUFFERS	OEM RECERTIFIES THEY MEET CURRENT CAPACITY (LOAD AND SPEED) BY CONTRACTOR	REFURBISH	RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODES REQUIREMENTS.	REPLACE	PROVIDE CODE-COMPLIANT EQUIPMENT.
3	SLING-FRAME & PLATFORM	SURVEY AND STRUCTURAL ASSESSMENT BY CONTRACTOR	REFURBISH	RE-CERTIFIED PLATFORM FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS FOR DUTY LOADS.	-	-
4	PLUNGER & CYLINDER	SURVEY PROTECTIVE SYSTEM AND MEET ASME AND LOCAL CODES BY CONTRACTOR	REFURBISH	RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS AND ENVIRONMENTAL COMPLIANCE.	-	-
5	TOE GUARD	*SURVEY AND MEET ASME AND LOCAL CODES BY CONTRACTOR*	*REUSE* & REFURBISH	RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS.	*REPLACE*	*PROVIDE CODE-COMPLIANT EQUIPMENT.*
6	FASCIA	*SURVEY AND MEET ASME AND LOCAL CODES BY CONTRACTOR*	*REUSE* & REFURBISH	RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS.	*REPLACE*	*PROVIDE CODE-COMPLIANT EQUIPMENT.*
7	PIT ACCESS LADDER	*SURVEY AND MEET ASME, OSHA, NFPA AND LOCAL CODES*	*REUSE* & REFURBISH	RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODES REQUIREMENTS.	*REPLACE*	*PROVIDE CODE-COMPLIANT EQUIPMENT.*
8	HYDRAULIC PLUNGER SAFETY DEVICE (GRIPPER)	*NOT SPECIFIED*	NOT SPECIFIED	NOT SPECIFIED	*PROVIDE*	*PROVIDE CODE-COMPLIANT EQUIPMENT.*
9	LIGHT FIXTURES (OCCUPANCY MOTION SENSORS & SWITCHES)	*MEET OSHA ASME, NEC, NFPA AND LOCAL CODES MINIMUM ILLUMINATION REQUIREMENTS*	REPLACE	PROVIDE CODE-COMPLIANT EQUIPMENT.	-	-
10	GFCI OUTLETS	*MEET ASME, NEC, NFPA 70 AND LOCAL CODES*	REPLACE	PROVIDE CODE-COMPLIANT EQUIPMENT.	-	-
11	SMOKE / HEAT DETECTORS	*MEET ASME, NEC, NFPA 70 AND LOCAL CODES*	REPLACE	PROVIDE CODE-COMPLIANT EQUIPMENT.	-	-

IV. ELEVATOR MODERNIZATION SPECIFICATIONS:

HYDRAULIC CARGO ELEVATOR MODERNIZATION SCHEDULE	
TYPE:	SERVICE ELEVATOR (STAFF WITH CARTS)
ELEVATOR NUMBER	# 7
USE	STANDARD FREIGHT USE (E.G., MOVING EQUIPMENT, FURNITURE, OR LIGHT MATERIALS).
CLASS OF LOADING	CLASS A (GENERAL FREIGHT LOADING) — 75 LBS. PER SQ. FT.
OVERALL PLATFORM SIZE	8' -4" W X 10' -0" L (MATCH EXISTING)
CAB HEIGHT	8' -7 ¾" H
CLEAR INSIDE PLATFORM	8' -0" W X 9' -8" L
DOOR WIDTH & HEIGHT	8' -0" W X 8' -0" H (MATCH EXISTING)
RATED LOAD – LB (KG)	6,000 LB (2,720 KG)
CONCENTRATED WHEEL LOAD	5 KIPS PER WHEEL (IMPACT FACTOR 1.25) FOR CAR PLATFORM, FLOORING, AND ENTRANCE SILLS
CONTRACT SPEED - FPM (M/S)	150-200 FT/MIN (0.76-1.0 M/S)
TOTAL TRAVEL – FT (M)	63'-6" FTS (19.35 MTS)
FLOORS SERVED (STOPS)	Six (6) - (BASEMENT, GROUND, 2ND, 3RD, 4TH, ROOF)
FRONT (F) REAR (R)	F/R
NUMBER OF OPENINGS	FOUR (4) FRONT AND TWO (2) REAR DOORS, MATCH EXISTING
ENTRANCE TYPE	VERTICAL BI-PARTING SINGLE-SPEED DOORS
DOOR OPERATOR	HEAVY-DUTY, CLOSED-LOOP VVVF FREIGHT DOOR OPERATOR
PLUNGER SIZE	-
POWER	480 VOLT, 3 PHASE, 50 PH, 60HZ
SEISMIC DESIGN CATEGORY:	ZONE D2, SDS (%g) 83-125, Risk Category III+
FIXTURE & BUTTON STYLE:	VANDAL RESISTANT SIGNAL FIXTURES
CAB OPERATOR PANELS	FRONT (F) AND REAR (R)

V. ELEVATOR MODERNIZATION WORKS SCHEDULE PER AREA:

LOBBY / HALL - CARGO ELEVATOR (FLOORS BASEMENT, 1, 2, 3, 4 & ROOF)					
ITEM	**EQUIPMENT**	**ACTION**	**SUPPLIER**	**ELECT REQ.**	**REMARKS**
1	VERTICAL BI-PARTING DOORS	REPLACE			PROVIDE NEW STAINLESS STEEL ELEVATOR HOISTWAY AND CAR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY.
2	PLATFORM TOE GUARD	*REUSE* & REFURBISH*			
3	ENTRANCES FRAMES (LINTEL, JAMBS AND SILL PLATE)	REFURBISH			REMOVE COATINGS TO BARE METAL, STRAIGHTEN & RE-SHIM, REPAIR METAL DENTS AND CORROSION SPOTS. APPLY CORROSION CONTROL FINISH: PRIME: ZINC-RICH EPOXY (DFT 3–5 MIL). INTER: HIGH-BUILD EPOXY (4–6 MIL). FINISH: ALIPHATIC POLYURETHANE (2–3 MIL). SATIN; COLOR TO BE SELECT BY ARCHITECT. APPLY FIRESTOPPING AS REQUIRED AND SEALANT JOINTS: 1/4" BACKER + SILICONE AT FRAME-TO-FINISH JOINTS.
4	HALL CONTROLS STATIONS	REPLACE			AMERICAN DISABILITY ACT, VANDAL RESISTANT
5	HOISTWAY ACCESS SWITCHES (KEY & SIGN)	PROVIDE			WALL-MOUNTED NEAR HOISTWAY ENTRANCE (LANDING), IN A SECURED AND CLEARLY LABELED BOX. PROPER SIGNAGE REQUIRED. - TOP TERMINAL LANDING (CAR TOP ACCESS) - BOTTOM TERMINAL LANDING (PIT ACCESS)
6	SIGN: HOISTWAY ACCESS SWITCHES	PROVIDE			"HOISTWAY ACCESS" OR "HOISTWAY ACCESS ENABLE" MINIMUM 1/4" HIGH LETTERS (OR PER LOCAL AHJ) PERMANENT ENGRAVED OR PRINTED PLATE (METAL OR PLASTIC) TYPICALLY WHITE TEXT ON RED BACKGROUND OR PER LOCAL STANDARD.
7	ELEVATOR LOBBY FLOOR DESIGNATION SIGNS	PROVIDE			REQUIRED AT EACH ELEVATOR LOBBY ADJACENT TO THE HOISTWAY. SHOULD DISPLAY THE FLOOR LEVEL CLEARLY. MOUNTED ON THE WALL OR JAMB NEAR THE ELEVATOR CALL STATION. BRAILLE PLATES ON BOTH SIDES OF DOOR FRAME ENTRANCES
8	SMOKE DETECTOR - ELEVATOR LOBBIES - MACHINE/CONTROL ROOMS - HOISTWAYS (AS REQUIRED)	PROVIDE		YES	CEILING WITHIN 21 FEET (6.4 METERS) OF THE ELEVATOR DOOR. INTEGRATED TO BLDG. FIRE ALARM SYSTEM
9	FIREFIGHTER'S KEY SWITCH (LOBBY & INSIDE CAR)	PROVIDE			FIREFIGHTER SERVICE BOX: PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN.
10	SIGN: FREIGHT LOADING SIGN TYPE OF LOADING CAPACITY	PROVIDE			FREIGHT ELEVATORS SHALL BE PROVIDED WITH A SIGN SPECIFYING THE TYPE OF LOADING FOR WHICH THE ELEVATOR IS DESIGNED - INSIDE THE ELEVATOR CABIN - AT THE ELEVATOR LOBBY SIGN NO 1: "CLASS A LOADING: THIS ELEVATOR DESIGNED FOR GENERAL FREIGHT LOADING. MAXIMUM CAPACITY: 5,000 LBS (KGS). EACH PIECE OF FREIGHT NOT TO EXCEED ¼ MAX CAPACITY OR 1,250 LBS (KGS) SIGN NO 2: "FOR FREIGHT ONLY. THIS IS NOT A PASSENGER ELEVATOR. NO PERSONS OTHER THAN THE OPERATOR AND FREIGHT HANDLERS ARE PERMITTED TO RIDE ON THIS ELEVATOR"
11	SIGN: SAFETY AND OPERATIONAL SIGNS	PROVIDE			"KEEP DOOR CLEAR AT ALL TIMES" "DO NOT BLOCK ELEVATOR ENTRANCE"
12	SIGN: OPERATIONAL STATUS (REMOVABLE)	PROVIDE			"OUT OF SERVICE" "TEMPORARILY CLOSED FOR MAINTENANCE" "AUTHORIZED USE ONLY DURING [SPECIFIED HOURS]"
13	SIGN: NFPA	PROVIDE			BRAILLE AND TACTILE CHARACTERS (PER ADA). "IN CASE OF FIRE, DO NOT USE ELEVATOR: USE STAIRS." INSIDE THE CABIN (ELEVATOR CAR INTERIOR) AND LOBBY/LANDING (NEXT TO ELEVATOR ENTRANCE ON EACH FLOOR)
14	SIGN: SERVICE LOBBY DOOR SERVING A CARGO ELEVATOR	PROVIDE			"SERVICE ELEVATOR LOBBY – AUTHORIZED PERSONNEL ONLY" LETTER SIZE: AT LEAST 2 INCHES (50 MM) HIGH FOR MAIN WORDS, PER ADA AND VISIBILITY STANDARDS. CONTRAST: HIGH CONTRAST BETWEEN BACKGROUND AND TEXT (E.G., WHITE LETTERS ON A RED OR DARK BACKGROUND). MATERIAL: DURABLE, NON-GLARE, FIRE-RATED WHERE REQUIRED.
* PROVIDE ALTERNATE PRICE FOR COMPLETE REPLACEMENT, REFER TO "ALTERNATE COST FOR ADDITIONAL WORKS: REUSE, REFURBISH AND REPLACEMENT OF EQUIPMENT"					

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CLIENT
DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.
CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE
DEMOLITION AND ENVIOMENTAL NOTES

DATE	2024–JAN–26
DRAWN BY	L.MARTE
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SCALE	NTS

SHEET NO.
04-35 LN-03
DRAWING NO.

MACHINE ROOM - CARGO ELEVATOR

ITEM	EQUIPMENT	ACTION	SUPPLIER	ELECT REQ.	REMARKS
1A	HYDRAULIC SYSTEM ASSEMBLY (HYDRAULIC TANK WITH INTEGRATED PUMP AND CONTROL VALVE)	PROVIDE		YES	HYDRAULIC FLUID PUMP ASSEMBLY, AC MOTOR, OIL CONTROL VALVES WITH DOWN SPEED REGULATOR, MUFFLER, ISOLATION PADS PIPING AND FITTINGS
1B	- POWER UNIT	PROVIDE	EECO	YES	BELT DRIVE PUMP UNIT.
1C	- CONTROL VALVE	PROVIDE	MAXTON		
1D	- HYDRAULIC SYSTEM STORAGE TANK	PROVIDE			MARKED GAUGE TO MONITOR HYDRAULIC FLUID LEVEL. +10 GALLONS CAPACITY.
1E	- PUMP RELIEF VALVE (PRV)	PROVIDE			SAFETY COMPONENTS. INSIDE HYDRAULIC PUMP UNIT
1F	- OVERSPEED VALVE (OSV)	PROVIDE	MAXTON		SAFETY COMPONENTS INSTALLED DIRECTLY IN THE HYDRAULIC LINE LEADING TO THE JACK/CYLINDER.
1G	- OIL COOLER WITH TEMPERATURE CONTROLLER	PROVIDE	EECO OR ZZIPCO	YES	**FAN-ASSISTED AIR-COOLED OIL COOLER** WITH **DIGITAL CONTROL** FOR ENERGY EFFICIENCY AND REAL-TIME TEMPERATURE REGULATION.
1H	- AUTOMATIC LEAK DETECTION SENSORS	PROVIDE		YES	OIL SENSORS TIED TO ALARM OR ELEVATOR CONTROL TO SHUT DOWN IN CASE OF MAJOR LEAK.
1I	- SECONDARY SPILL (CONTAINMENT) PROTECTION	PROVIDE			PREFABRICATED CONTAINMENT PANS STEEL PANS SIZED TO HOLD 110% OF THE TANK CAPACITY.
1J	- *SEISMIC ANCHORAGE/BRACING & PACKAGE*.				VIBRATION ISOLATORS & RESTRAINTS FOR PIPING, TANK POWER UNIT, CONTROLLER.
2	SIGN: HYDRAULIC SYSTEM STORAGE TANK	PROVIDE			PROVIDE A DATA PLATE ATTACHED TO TANK INDICATING OIL CHARACTERISTICS AND VISCOSITY AND PUMP SPECIFICATIONS.
3	SIGN: MOTOR AND PUMP	PROVIDE			PROVIDE MOTOR AND PUMP NAME PLATE AND DATA TAGS PERMANENTLY MOUNTED ON THE OUTSIDE OF THE PUMP UNIT FRAME.
4	HYDRAULIC OIL LINES SUPPLY PIPING	PROVIDE			PIPE AND FITTINGS MUST BE MINIMUM SCHEDULE 80 BLACK STEEL WITH THREADED, FLANGED, OR WELDED MECHANICAL COUPLINGS.
5	SIGN: PIPE COLOR, DIRECTION OF FLUID AND STENCIL IDENTIFIED.	PROVIDE			ALL NEW PIPES OF ELEVATOR SYSTEM SHALL BE IDENTIFIED FOLLOWING PIPE MARKING STANDARD GUIDELINES. (COLOR-CODING SYSTEM)
6	SLEEVE FOR HYDRAULIC LINE PASS	PROVIDE			INSTALL HYDRAULIC PIPING THRU SLEEVE WITH SNUG FITTING INNER LINER OF FIRE RATED INSULATION
7	ELEVATOR CONTROLLER UNIT	REPLACE	ELEVATOR CONTROLS	YES	REMOVE EXISTING AND PROVIDE NEW UL/CSA LABELED CONTROLLER (NEMA TYPE 1 GENERAL PURPOSE ENCLOSURE)
8	SIGN: ELEVATOR CONTROLLER UNIT	PROVIDE			PERMANENTLY ATTACH A CODE DATA PLATE, IN PLAIN VIEW.
9	ELEVATOR CONTROL PANEL (CONTROLLER CABINET)	PROVIDE			
10	MAINTENANCE MONITOR TERMINAL (MMT) (CONTROLLER CABINET)	PROVIDE			
11	DUPLEX ELECTRICAL RECEPTACLE FOR ELEVATOR CONTROLLER UNIT.	PROVIDE		YES	
14	MAIN LINE DISCONNECT SWITCH	PROVIDE		YES	OPERATION: MANUALLY OPERATED FUSED SHUNT TRIP CIRCUIT BREAKER FOR EACH CONTROLLER, LOCKABLE IN THE "OFF" POSITION, STRIKE SIDE OF DOOR. SHALL BE LOCATED WITHIN 610 MM (24 INCHES) OF THE OPEN SIDE OF THE MACHINE ROOM ACCESS DOOR. MINIMUM CLEAR WORKING SPACE OF 36 INCHES (914 MM) IN FRONT OF THE SWITCH
15	SIGN: MAIN LINE DISCONNECT SWITCH	PROVIDE			"ELEVATOR MAIN DISCONNECT." "KEEP SWITCH CLOSED EXCEPT DURING MAINTENANCE, REPAIR AND INSPECTION"
16	SHUT TRIP DISCONNECT (EMERGENCY POWER DISCONNECT SWITCH)	PROVIDE		YES	OPERATION: - FIRE ALARM SYSTEM (VIA HEAT/SMOKE DETECTORS) - MANUAL ACTIVATION (FIREFIGHTER SWITCH) - ELEVATOR CONTROLLER FAULT
17	SIGN: EMERGENCY POWER WARNING	PROVIDE			- "WARNING: MULTIPLE POWER SOURCES, **DISCONNECT ALL SOURCES BEFORE SERVICING"** "THIS ELEVATOR SYSTEM IS POWERED FROM MORE THAN ONE ELECTRICAL SOURCE. DISCONNECT ALL POWER SOURCES BEFORE PERFORMING MAINTENANCE. ADDITIONAL DISCONNECT (S) LOCATED IN: MACHINE ROOM PANEL _-_ AND MAIN SERVICE PANEL _-_' WARNING SIGNS SHALL BE POSTED WHEN THERE IS POWER FROM MORE THAN ONE SOURCE PER NFPA 70. LOCATIONS: 1. MACHINE ROOM WALL PANEL #1 2. ELEVATOR CONTROLLER CABINET
18	EMERGENCY STOP SWITCH (1 FO 4) - INSIDE CAR OPERATING PANEL - ELEVATOR PIT - CAR TOP - MACHINE ROOM OR CONTROL ROOM	PROVIDE			PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN. OPERABLE WITHOUT OPENING ELECTRICAL PANELS, EACH STOP SWITCH MUST BE RED IN COLOR AND MUST HAVE "STOP" AND "RUN" POSITIONS LEGIBLY AND INDELIBLY IDENTIFIED.
19	SURGE PROTECTORS (SURGE SUPPRESSORS)	PROVIDE		YES	SURGE PROTECTORS TO PROTECT THE ELEVATOR EQUIPMENT CONNECTED TO FIRE ALARM AUTOMATIC SYSTEM
20	3" SLEEVE FOR ELECTRICAL LINE PASS	PROVIDE		YES	INSTALL HYDRAULIC PIPING THRU SLEEVE WITH SNUG FITTING INNER LINER OF FIRE RATED INSULATION
21	TOOL CABINET	PROVIDE			PROVIDE A METAL PARTS/TOOL CABINET, HAVING TWO SHELVES AND HINGED DOORS. CABINET MUST BE 1219 MM (48 IN.) HIGH, 762 MM (30 IN.) WIDE AND 457 MM (18 IN.) DEEP.
22	SIGN: TOOLS CABINET	PROVIDE			"ELEVATOR TOOLS: AUTHORIZED PERSONNEL ONLY"
23	LIGHTING FIXTURE LAMP (LED)	PROVIDE		YES	MIN. 19 FC (204 LUX) AT FLOOR. LIGHT LED GUARDED TYPE, VAPOR TIGHT ENCLOSURES AND SWITCH WITHIN 18" OF LOCK-SIDE OF JAMB.
24	ELECTRIC OUTLETS GFCI	PROVIDE		YES	DEDICATED CIRCUIT AS REQUIRED.
25	LOUVERED STEEL DOOR SELF-CLOSE/LOCK	REPLACE			36X80, FIRE RATE 1.5HR, SELF CLOSING, KEYED BUT CAN ALWAYS BE OPENED FROM THE INSIDE WITHOUT A KEY.
26	SIGNAGE: OUTSIDE DOOR SIGNAGE	PROVIDE			"ELEVATOR MACHINE ROOM AUTHORICED PERSONNAL ONLY" "ELEVATOR MAIN LINE DISCONNECT SWITCH LOCATED IN"
27	FIRE DEPARTMENT KEY BOX	PROVIDE			
28	WIRING AND CONDUITS	PROVIDE		YES	REMOVE AND REPLACE ALL EXISTING HOISTWAY AND MACHINE ROOM ELECTRICAL WIRING ASSOCIATED WITH THE ELEVATOR SYSTEM, INCLUDING BUT NOT LIMITED TO POWER FEEDERS, TRAVELING CABLES, SIGNAL WIRING, CONTROL WIRING, AND GROUNDING CONDUCTORS.
29	ELEVATOR EQUIPMENT ROOM PANEL	PROVIDE			
30	CEILING HEAT AND SMOKE DETECTOR • ELEVATOR LOBBIES • MACHINE/CONTROL ROOMS • HOISTWAYS (AS REQUIRED)	PROVIDE		YES	SHUTS DOWN POWER TO THE ELEVATOR TO PREVENT DAMAGE AND UNSAFE OPERATION. CONNECTED WITH CENTRAL FIRE ALARM SYSTEM
31	AUTOMATIC POWER SHUTOFF	PROVIDE		YES	CUTS ELEVATOR POWER IF STRONG SEISMIC ACTIVITY IS DETECTED.
32	PIPE RUPTURE VALVE (PRV)	PROVIDE	EECO	YES	
33	SEISMIC SWITCH (EARTHQUAKE DETECTION SENSOR)	PROVIDE		YES	PHASE I RECALL AND POWER INTERRUPTION TO THE DRIVE/PUMP AS REQUIRED BY A17.1. PROVIDE **S**ELF-MONITORING AND TEST FUNCTION; COORDINATE SETPOINT AND LOCATION WITH THE STRUCTURAL ENGINEER.
34	ISOLATORS AND SEISMIC RESTRAINTS.	PROVIDE		YES	HYDRAULIC EQUIPMENT MOUNTED ON VIBRATION ISOLATORS WITH SEISMIC RESTRAINTS.
35	EPAS OIL AND FUEL SPILL KIT	PROVIDE			SKO-95W, OIL ONLY 95-GALLON KIT WITH WHEELS BY BRADY
36	PIT WATER CONTAINER	PROVIDE			STEEL 55-GALLON BARREL WITH COVER. PUCEL™ LBR-909H LOW DRUM DOLLY TRUCK WITH HINGED HANDLE - ORANGE
37	FIRE EXTINGUISHERS	PROVIDE			PROVIDE TWO (2) EXTINGUISHERS: ONE (1) 20-POUND CLASS A-B-C FIRE EXTINGUISHER AND ONE (1) 10-POUND PURPLE K CLASS B-C FIRE EXTINGUISHER
38	SIGNAGE: EQUIPMENT	PROVIDE			IDENTIFY EACH EQUIPMENT WITH STENCIL PAINTED OR DECALED IN AN INDELIBLE AND LEGIBLE MANNER
39	SIGN: RECALL FLOOR IDENTIFICATION (FIREFIGHTER SERVICE) - MACHINE ROOM - CAR	PROVIDE			"FIRE FIGHTER'S RECALL FLOOR: [X]". SIGNAGE IS REQUIRED IN THE ELEVATOR MACHINE ROOM TO CLEARLY INDICATE THE DESIGNATED RECALL FLOOR. ADJACENT TO OR ON THE ELEVATOR CONTROL PANEL OR RELAY BOX IN THE MACHINE ROOM.

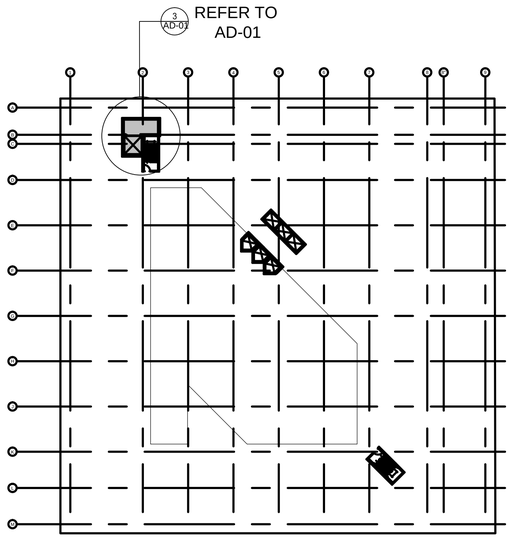
CAR - CARGO ELEVATOR

ITEM	EQUIPMENT	ACTION	SUPPLIER	ELECT REQ.	REMARKS
1	CAR ENCLOSURE: SHELL	PROVIDE			PROVIDE NEW ENCLOSURE WITH MIN 8'-0" HEIGHT INSIDE THE CAB.
2	INTERIOR PROTECTION PANELS	PROVIDE			PROVIDE PERMANENT INTERIOR PROTECTION PANELS ON SIDEWALLS OF THE ELEVATOR CAR. REINFORCED 10-GAUGE GALVANIZED STEEL PRIMED AND POWDER-COATED, FULL WALL HEIGHT.
3	HANDRAILS	PROVIDE			HANDRAILS SHALL BE PROVIDED ON THE REAR AND BOTH SIDEWALLS OF THE ELEVATOR CAR. RAILS SHALL BE BRUSH STAINLESS STEEL, 6" FLAT BAR MOUNTED AT 34" AFF, WITH 1.5" WALL CLEARANCE. ENDS SHALL RETURN TO WALL.
4	FLOOR BUMPERS	REUSE & REFURBISH*			"PROVIDE CONTINUOUS HORIZONTAL WALL BUMPERS ON SIDE WALLS, 10" HIGH, MOUNTED WITH THE BOTTOM EDGE 6" ABOVE FINISHED FLOOR. MATERIAL TO BE BLACK RUBBER OR UHMW PLASTIC, 1.5" THICK, SECURED WITH STAINLESS STEEL HARDWARE."
5	CANOPY/DOME	PROVIDE			REINFORCED 10-GAUGE GALVANIZED STEEL PRIMED AND POWDER-COATED.
6	FLOORING	PROVIDE			PROVIDE ELEVATOR CAR FLOOR CONSTRUCTED OF **1/4" HOT-ROLLED STEEL DIAMOND PLATE**, CONTINUOUSLY WELDED TO PLATFORM FRAME. FLOORING SHALL BE SLIP-RESISTANT, ABLE TO WITHSTAND STATIC AND DYNAMIC FREIGHT LOADS UP TO RATED ELEVATOR CAPACITY. EDGES SEALED TO PREVENT MOISTURE INTRUSION AND CORROSION.
7	VERTICAL BI-PARTING DOORS	PROVIDE			ELEVATOR HOISTWAY AND CAR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY.
8	CAR GUIDE ROLLERS (3-TIRE ASSEMBLY)	PROVIDE	DELCO OR ELPRO		PROVIDE NEW HIGH-DURABILITY **URETHANE OR POLYMER-BASED ROLLERS** WITH SEALED BEARINGS. ROLLER ASSEMBLIES MUST INCLUDE **ADJUSTABLE SPRING-LOADED** OR DAMPENING MECHANISMS FOR NOISE AND VIBRATION CONTROL. ENSURE ROLLER MATERIAL IS COMPATIBLE WITH EXISTING T-RAIL SURFACE AND PROFILE.
9	CAR READER (ENCODER OR POSITION SENSOR)	REPLACE			MAGNETIC (ELECTRONIC) SELECTOR SYSTEM.
10	TOP OF CAR - ESCAPE HATCH	PROVIDE			PROVIDE ELEVATOR CAR TOP EMERGENCY EXIT WITH MINIMUM 20" X 20" CLEAR OPENING, HINGED AND SELF-LATCHING, IN ACCORDANCE WITH ASME A17.1 RULE 2.14.1.5.
11	SING: CAR CEILING AND TOP OF CAR	PROVIDE			HATCH SHALL BE LABELED 'EMERGENCY EXIT – DO NOT BLOCK' AND SHALL NOT REQUIRE KEYS OR TOOLS FOR OPERATION FROM INSIDE THE CAR."
12	TOP OF CAR - INSPECTION STATION.	REPLACE			"PROVIDE A CAR TOP INSPECTION STATION, SECURELY MOUNTED AND EQUIPPED WITH AN EMERGENCY STOP SWITCH, INSPECTION TOGGLE, AND UP/DOWN DIRECTIONAL BUTTONS. UNIT SHALL COMPLY WITH ASME A17.1 SECTION 2.26.1 AND BE CLEARLY LABELED AND ACCESSIBLE FOR SERVICE PERSONNEL."
13	TOP OF CAR - LIGHTING:	PROVIDE		YES	10 FC (107 LUX) AT THE WORKING SURFACE LED LIGHT WITH GUARDS ON TOP OF ELEVATOR CAR AND BENEATH PLATFORM.
14	TOP OF CAR - DUPLEX ELECTRICAL 120V GFCI-PROTECTED RECEPTACLE	PROVIDE		YES	TOP OF CAR
15	SIGN: ELEVATOR CAR CROSSHEAD – PERMANENT METAL DATA PLATE	PROVIDE			PERMANENTLY AFFIX A NON-CORROSIVE METAL DATA PLATE TO THE ELEVATOR CAR CROSSHEAD. THE PLATE SHALL DISPLAY ELEVATOR MANUFACTURER, RATED LOAD AND SPEED, DATE OF MANUFACTURE, TYPE OF OPERATION, AND UNIQUE IDENTIFYING NUMBERS. PER ASME A17.1 SECTION 8.9.1.3. LETTERING SHALL BE ENGRAVED AND LEGIBLE, WITH A MINIMUM HEIGHT OF 0.125 INCHES.
16	SIGN ON ELEVATOR CROSSHEAD	PROVIDE			PERMANENTLY ATTACH A NON-CORROSIVE METAL DATA PLATE. SIGN WITH THE WORDS "DANGER LOW CLEARANCE" SHALL BE PROMINENTLY POSTED ON THE CROSSHEAD AND BE VISIBLE FROM THE ENTRANCE. PERMANENT, WEATHER/GREASE RESISTANT, AND WITH CONTRASTING COLORS (RED AND WHITE OR RED AND BLACK.
17	EMERGENCY STOP SWITCH (1 FO 4) - INSIDE CAR OPERATING PANEL - ELEVATOR PIT - CAR TOP - MACHINE ROOM OR CONTROL ROOM	PROVIDE			PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN. OPERABLE WITHOUT OPENING ELECTRICAL PANELS, EACH STOP SWITCH MUST BE RED IN COLOR AND MUST HAVE "STOP" AND "RUN" POSITIONS LEGIBLY AND INDELIBLY IDENTIFIED.
18	EMERGENCY EXIT SWITCH AND LOCKS	PROVIDE			
19	CAR SLING (FRAME) & PLATFORM	REFURBISH			REUSE EXISTING. CLEAN, REPAINT, REPLACE MISSING BOLTS AND TIGHTEN AS NEEDED. REGRIND OR POLISH SURFACES. RE-CERTIFIED FOR REUSE. EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS. REPLACE ANY DAMAGED OR NON-COMPLIANT PARTS (BRACKETS, CLIPS, OR BOLTS).
21	INSIDE: FULL CABIN REPLACEMENT (CONTROLS, FLOORS, CEILING, WALL PANELS)	REPLACE			
22	INSIDE: CAR OPERATING PANEL (BUTTONS)	REPLACE			REMOVE AND REPLACE THE EXISTING CAR OPERATING PANEL (COP) WITH A NEW, CODE-COMPLIANT, ACCESSIBLE PANEL FEATURING MODERN CONTROLS, INDICATORS, AND FINISHES. THE NEW COP SHALL INTERFACE SEAMLESSLY WITH THE ELEVATOR CONTROLLER AND ALL CAR FUNCTIONS.
23	CAR POSITION INDICATOR	PROVIDE			
24	FIRE ALARM/VISUAL	PROVIDE		YES	EITHER THE FIRE ALARM INITIATING DEVICE IN THE MACHINE ROOM OR HOISTWAY SHALL CAUSE THE VISUAL SIGNAL IN THE CAR TO ILLUMINATE INTERMITTENTLY PER ASME A17.1, ITEM 2.27.3.2.6.
25	SMOKE DETECTOR	PROVIDE		YES	PROVIDE IF CODE REQUIRED.
26	FIREFIGHTER'S KEY SWITCH (LOBBY & INSIDE CAR)	PROVIDE			FIREFIGHTER SERVICE BOX: PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN.
27	SIGN: FIRE SERVICE INSTRUCTIONS	PROVIDE			FIRE SERVICE INSTRUCTIONS SHALL BE INSTALLED PER ASME A17.1, ITEM 2.27.7
28	AUTO DIAL TELEPHONE SYSTEM TWO-WAY / 24HR COMMUNICATION SYSTEM (INTERCOM)	PROVIDE			EMERGENCY TELEPHONE: TWO-WAY 24-HOUR VOICE COMMUNICATION SHALL BE PROVIDED FROM THE ELEVATOR CAR TO A LOCATION THAT CAN TAKE ACTION.
29	AUDIO VOICE SYSTEM	PROVIDE			FULL RANGE LOUDSPEAKER, LOCATED ON TOP OF THE CAB.
30	VENTILATION FAN	PROVIDE			PROVIDE A BLOWER UNIT ARRANGED TO EXHAUST THROUGH AN OPENING IN THE CANOPY.
32	LOCKABLE SERVICE CABINET	PROVIDE			GFCI
33	SPARE CONDUCTORS	PROVIDE			PROVIDE SPARE CONDUCTORS EQUAL TO 10 PERCENT OF THE TOTAL NUMBER OF CONDUCTORS FURNISHED, BUT NOT LESS THAN 5 SPARE CONDUCTORS.
34	INSIDE: CEILING LIGHTING	PROVIDE			PROVIDE LED ILLUMINATED CAR LIGHT FIXTURES ABOVE THE CEILING PANELS. MAINTAIN A MINIMUM LIGHT LEVEL OF 50-FOOT CANDLES AT 914 MM (36 IN.) ABOVE THE FINISHED FLOOR.
35	EMERGENCY LIGHT WITH CHARGER AND BATTERY PACK	PROVIDE			PROVIDE TWO (2) EMERGENCY LIGHTS, NOT LESS THAN 2 LX (2 FC) INTENSITY, BATTERY POWERED AT LEAST FOR 4 HRS.
36	CAR SAFETY BRAKES (SEISMIC ACTIVATION)	PROVIDE			
37	LEVELING DEVICE	PROVIDE			CAR MUST BE EQUIPPED WITH A NEW TWO-WAY LEVELING.
38	INSPECTION CERTIFICATION FRAME	PROVIDE			
39	SIGN: IN-CAR	PROVIDE			FREIGHT ELEVATORS SHALL BE PROVIDED WITH A SIGN SPECIFYING THE TYPE OF LOADING FOR WHICH THE ELEVATOR IS DESIGNED.
40	SIGN: IN-CAR	PROVIDE			IN-CAR CAPACITY PLATE SHALL BE INSTALLED.
41	SIGN: CAR DESIGNATION SIGNS (CAB ID)	PROVIDE			SIGN SHOULD BE POSTED INSIDE THE CAR NEAR THE OPERATING PANEL AND OUTSIDE THE HOISTWAY ENTRANCE ON EACH LANDING. LETTER OR NUMBER DESIGNATION.
42	SIGN: INSPECTOR CERTIFICATION	PROVIDE			"INSPECTED BY [AUTHORITY] – CERTIFICATE INSIDE" (PER LOCAL CODE).
43	SIGN: RECALL FLOOR IDENTIFICATION (FIREFIGHTER SERVICE) -MACHINE ROOM -CAR	PROVIDE			"RECALL FLOOR – [INSERT FLOOR ID]" PROVIDE PERMANENT SIGNAGE INSIDE THE ELEVATOR CAB AND IN THE MACHINE ROOM INDICATING THE DESIGNATED FIREFIGHTER RECALL FLOOR.
44	SIGN: LIFE SAFETY	PROVIDE			"IN CASE OF FIRE, DO NOT USE ELEVATOR. USE STAIRS." INSIDE THE CABIN (ELEVATOR CAR INTERIOR) LOBBY/LANDING (NEXT TO ELEVATOR ENTRANCE ON EACH FLOOR).

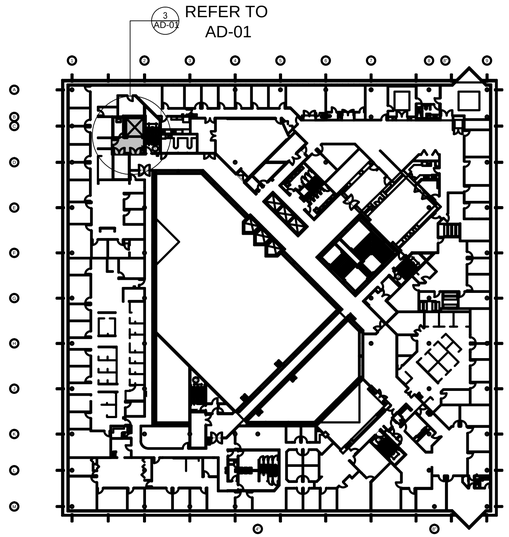
* PROVIDE ALTERNATE PRICE FOR COMPLETE REPLACEMENT, REFER TO "ALTERNATE COST FOR ADDITIONAL WORKS: REUSE, REFURBISH AND REPLACEMENT OF EQUIPMENT"

SHAFT AND PIT - CARGO ELEVATOR

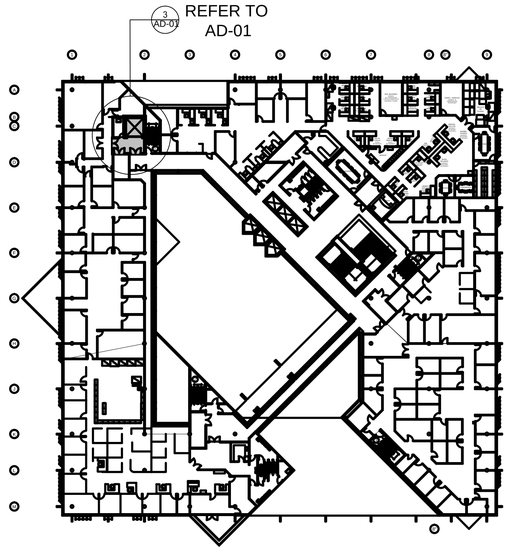
ITEM	EQUIPMENT	ACTION	SUPPLIER	ELECT REQ.	REMARKS
1	TRAVELING CABLES	REPLACE	ELEVATOR CONTROLS		
2	GUIDE RAILS, SUPPORTS AND FASTENINGS	REFURBISH*			REUSE EXISTING. CLEAN, REPAINT, REPLACE MISSING BOLTS AND TIGHTEN AS NEEDED. REGRIND OR POLISH RAIL SURFACES. RE-CERTIFIED FOR REUSE. REALIGNED TO STRICT TOLERANCES. EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS. REPLACE ANY DAMAGED OR NON-COMPLIANT BRACKETS, CLIPS, OR BOLTS.
3	GUIDE RAILS SEISMIC BRACING (BRACKETS AND BOLDS)	PROVIDE			TOP, MIDDLE, AND BOTTOM SECTIONS OF THE SHAFT. INSTALL NEW BRACKETS AND STRUCTURAL FASTENERS WITH PE-SEALED ANCHORAGE CALCULATIONS TO RESIST REQUIRED SEISMIC LOADS
4	CAR SPRING BUFFERS	REFURBISH*			PROVIDE TWO (2) NEW SPRING BUFFERS. CAR BUFFERS (SPRING OR OIL) MOUNTED TO A BRACED STEEL STAND OR DIRECTLY TO THE PIT WITH **S**EISMIC HOLD-DOWNS.
5	SIGN: BUFFERS STROKE AND LOAD RATING	PROVIDE			SIGN: BUFFERS MUST HAVE A PERMANENTLY ATTACHED METAL PLATE INDICATING ITS STROKE AND LOAD RATING. "MAXIMUM STROKE: ___ IN / MAXIMUM LOAD: ___ LBS (___ KG)."
6	PIT FLOOR FINISH	PROVIDE			PIT FLOOR SHALL BE SLOPED TO THE SUMP AT 2% GRADE (1/4" PER LINEAR FOOT) WITH TROWEL-ABLE POLYMER MODIFIED CONCRETE UNDERLAYMENT.
7	PIT SUMP PUMP	PROVIDE		YES	PROVIDE SUBMERSIBLE WATER PUMP WITH AUDIBLE ALARM AUTOMATIC SWITCH AT MACHINE ROOM. 3,000 GPH @ 25 FT TDH (MINIMUM). DEDICATED CIRCUIT GFCI PROTECTION IN PANEL REQUIRED. ENSURE SECONDARY OIL CONTAINMENT MEASURES ARE IN PLACE.
8	OIL MINDER	PROVIDE	STANCOR	YES	OIL SENSING DEVICES MUST BE PRESENT ON THE SUMP PUMP.
9	SUMP WITH HD CAST IRON GRATE COVER	PROVIDE			PROVIDE A 18" X 18" X 24" DEPTH SUMP, SQUARE OR ROUND
10	PISTON (PLUNGER AND CYLINDER)	REFURBISH			SURVEY PROTECTIVE SYSTEM AND MEET ASME AND LOCAL CODES, RE-CERTIFIED FOR REUSE: EVALUATED UNDER CURRENT ELEVATOR CODE REQUIREMENTS AND ENVIRONMENTAL COMPLIANCE SURVEY ENCAPSULATION (PVC SLEEVE) FOR IN-GROUND CYLINDERS TO PREVENT OIL CONTAMINATION OF SOIL. CLEAN AND REUSE EXISTING. PROVIDE: BLEEDER VALVE, DRIP RING AND STOP RING.
11	DOORS OPERATORS	PROVIDE	COURION		AUTOMATIC OPERATORS
12	HOISTWAY DOORS AND FRAMES	REPLACE	COURION		TYPE: BI-PARTING VERTICAL DOORS BY COURION. FIRE RATING: 1.5-HOUR MINIMUM PER FLOOR OPENING TEST STANDARD: UL 10B OR NFPA 252 MATERIAL: 14-GAUGE STEEL OR HEAVIER, POWDER-COATED. PROVIDE VISION PANEL IN HOISTWAY AND CAB DOORS: 5" × 23" MINIMUM, WITH FIRE-RATED, WIRE-LAMINATED GLASS RATED FOR 90 MINUTES PER UL 10B. INCLUDE STAINLESS STEEL VISION FRAME AND TAMPER-RESISTANT FASTENERS.
13	HOISTWAY ENTRANCE INTERLOCKS – ELECTRICAL/MECHANICAL	PROVIDE		YES	EQUIP EACH HOISTWAY LANDING DOOR (ENTRANCE) WITH A NEW ELECTRICAL AND MECHANICAL INTERLOCK THAT PREVENTS THE HOISTWAY DOOR FROM BEING OPENED UNLESS THE CAR IS PRESENT AT THAT LANDING, AND PREVENTS ELEVATOR MOVEMENT UNLESS THE HOISTWAY DOOR IS CLOSED AND LOCKED.
14	HOISTWAY SELECTOR BAND AND READER (TAPE OR POSITIONING TAPE)	REPLACE			MAGNETIC (ELECTRONIC) SELECTOR SYSTEM
15	EMERGENCY STOP SWITCH (1 FO 4) - INSIDE CAR OPERATING PANEL - ELEVATOR PIT - CAR TOP - MACHINE ROOM OR CONTROL ROOM	REPLACE			HOISTWAY TERMINAL STOPPING DEVICES PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN. OPERABLE WITHOUT OPENING ELECTRICAL PANELS, EACH STOP SWITCH MUST BE RED IN COLOR AND MUST HAVE "STOP" AND "RUN" POSITIONS LEGIBLY AND INDELIBLY IDENTIFIED. PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN AT PIT. ADJACENT TO PIT ACCESS DOOR, AT TOP OF THE PIT LADDER. A PIT STOP SWITCH SHALL BE LOCATED WITHIN REACH OF THIS ACCESS FLOOR, ADJACENT TO THE PIT LADDER AND LOCATED ABOUT 18" ABOVE THE LANDING IN ORDER TO BE ACCESSIBLE BEFORE STEPPING ONTO THE PIT LADDER
16	NORMAL AND FINAL TERMINAL STOPPING DEVICES	REPLACE			NORMAL TERMINAL STOPPING DEVICES (SLOW-DOWN ZONES) AND FINAL TERMINAL STOPPING DEVICES (OVER-TRAVEL SAFETY)
17	HOISTWAY LIGHTING	PROVIDE		YES	PROVIDE ONE (1) EACH FLOOR WITH A DEDICATED 3-WAY LIGHT SWITCH AT . 10 FOOT-CANDLES (FC) (107 LUX)
18	ELEVATOR HOSTWAY / PIT LIGHTING	PROVIDE		YES	MIN. 10 FC (107 LUX) AT THE PIT FLOOR. MOISTURE-RESISTANT AND SHATTERPROOF OR GUARDED. FED FROM THE ELEVATOR MACHINE ROOM PANEL. CLEARLY LABELED, EMERGENCY BACKUP SEPARATE CIRCUITS FROM THE ELEVATOR OPERATION SYSTEM.
19	ELEVATOR HOSTWAY / PIT LIGHTING: SWITCHES	REPLACE PROVIDE		YES	PROVIDE LIGHTING WITH 3-WAY WEATHER-RESISTANT SWITCHES AT THE TOP AND BOTTOM OF THE HOISTWAY ACCESSIBLE FROM ELEVATOR HOISTWAY ENTRANCE PRIOR TO ENTERING THE PIT OR STEPPING ONTO THE CAR TOP. (HOISTWAY DOOR OPENING). 18" ABOVE THE FLOOR LEVEL OF THE LANDING AND ADJACENT TO THE PIT LADDER, WITHIN REACH OF THE ACCESS FLOOR. THE SWITCH SHALL BE NEAR THE STOP SWITCH.
20	PIT: DUPLEX ELECTRICAL 120V GFCI-PROTECTED RECEPTACLE	PROVIDE		YES	FED FROM THE ELEVATOR MACHINE ROOM PANEL. 3 FT. ABOVE FINISHED FLOOR) IN THE PIT.
21	SMOKE DETECTOR - ELEVATOR LOBBIES - MACHINE/CONTROL ROOMS - HOISTWAYS (AS REQUIRED)	PROVIDE		YES	TOP NEAR THE HOISTWAY VENT. TRIGGERS ELEVATOR SHUTDOWN AND PREVENTS OPERATION DURING A FIRE. INTEGRATED TO BLDG. FIRE ALARM SYSTEM
22	WIRING AND CONDUITS	PROVIDE		YES	REMOVE AND REPLACE ALL EXISTING HOISTWAY AND MACHINE ROOM ELECTRICAL WIRING ASSOCIATED WITH THE ELEVATOR SYSTEM, INCLUDING BUT NOT LIMITED TO POWER FEEDERS, TRAVELING CABLES, SIGNAL WIRING, CONTROL WIRING, AND GROUNDING CONDUCTORS.
23	SIGN: HOISTWAY FLOOR DESIGNATION SIGNS (INSIDE SHAFT)	PROVIDE			ETCHED METAL PLATES VISIBLE FROM THE ELEVATOR CAR WHEN DOORS ARE OPEN. INSTALLED AT EACH FLOOR, AT THE LANDING SILL LEVEL. MUST INDICATE THE FLOOR LEVEL.
24	ENGINEERED OVERHEAD LIFTING BEAM	PROVIDE			PROVIDE A PERMANENTLY INSTALLED, ENGINEERED OVERHEAD LIFTING BEAM IN THE ELEVATOR HOISTWAY WHERE REQUIRED FOR HOISTING, MAINTENANCE, OR EQUIPMENT REPLACEMENT, IN COMPLIANCE WITH ASME A17.1 §2.20.1.2. BEAM SHALL BE LABELED WITH RATED LOAD CAPACITY AND INSTALLED TO ALLOW SAFE AND UNOBSTRUCTED USE. SAFETY BEAM REQ'D. PER OSHA 1926.502 PROVIDED & INSTALLED BY CONTRACTOR, AS DIRECTED BY ELEVATOR MANUFACTURER DESIGN LOAD = 5,000 LBS (STATIC, NOT IMPACT) W12X26 (A992 STEEL) OR BIGGER BEAM.
25	LADDER	*REUSE* & REFURBISH*			EXTENSION: LADDER SHALL EXTEND NOT LESS THAN 1 200 MM (48 IN.) ABOVE THE SILL OF THE ACCESS DOOR, **CLEAR WIDTH: ≥ 16 IN** BETWEEN SIDE RAILS, **RUNG SPACING: 12 IN ON CENTER**, UNIFORM; **NON-SLIP** RUNGS, **TOE CLEARANCE BEHIND RUNGS: ≥ 4.5 IN** FROM WALL/STRUCTURE. **MATERIALS/FINISH: GALVANIZED** STEEL (EPOXY-COATED) EDGES DEBURRED. STAINLESS STEEL HARDWARE.
26	SIGN: LIFTING BEAM	PROVIDE			REQUIRES **MANUFACTURER'S LABEL** WITH: - RATED LOAD CAPACITY (E.G., 5,000 LBS) - DESIGNATION AS **LIFTING BEAM**
27	SIGNAGE: DEMOLITION AND CONSTRUCTION TEMPORARY SIGNAGE	PROVIDE			WARNING SIGNAGE: AREA OF ASBESTOS-CONTAINING FLOORING "DANGER ASBESTOS CANCER AND LUNG DISEASE HAZARD AUTHORIZED PERSONNEL ONLY RESPIRATORS AND PROTECTIVE CLOTHING REQUIRED IN THIS AREA. DO NOT DISTURB FLOORING MATERIALS"
28	FIRE EXTINGUISHERS	PROVIDE			PROVIDE SIX (6) EXTINGUISHERS: ONE (1) 10-POUND CLASS A-B-C FIRE EXTINGUISHER PER LOBBY.
29	SIGN: PIT LADDER	PROVIDE			"PIT ACCESS LADDER" LABEL AND



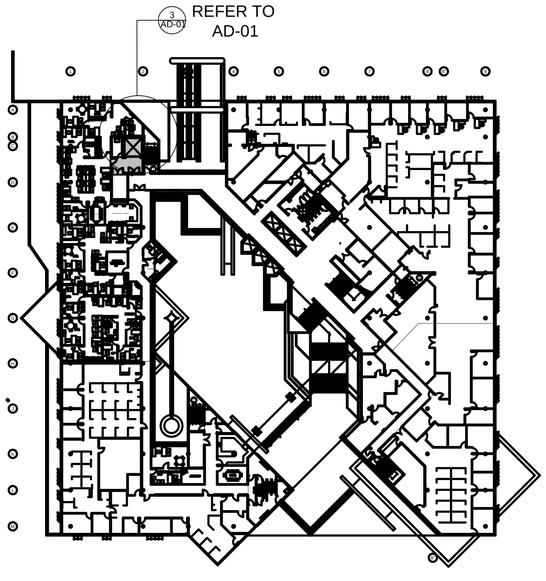
1 LK-01 LOCATION
KEY PLAN - ROOF PLAN
SCALE: NTS



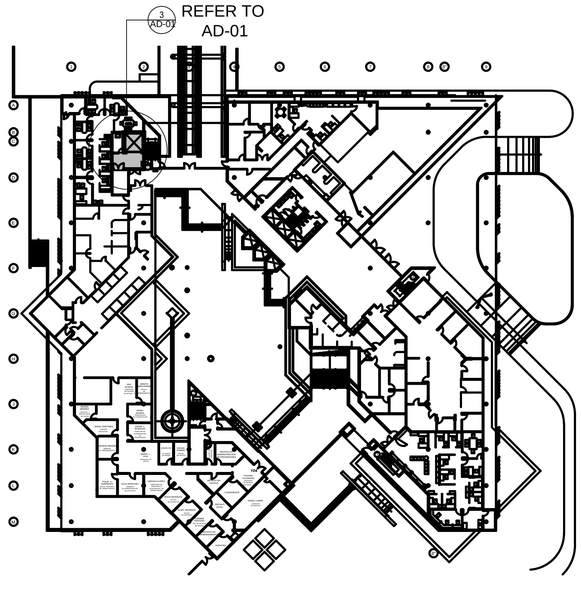
2 LK-01 LOCATION
KEY PLAN - 4TH LEVEL
SCALE: N/A



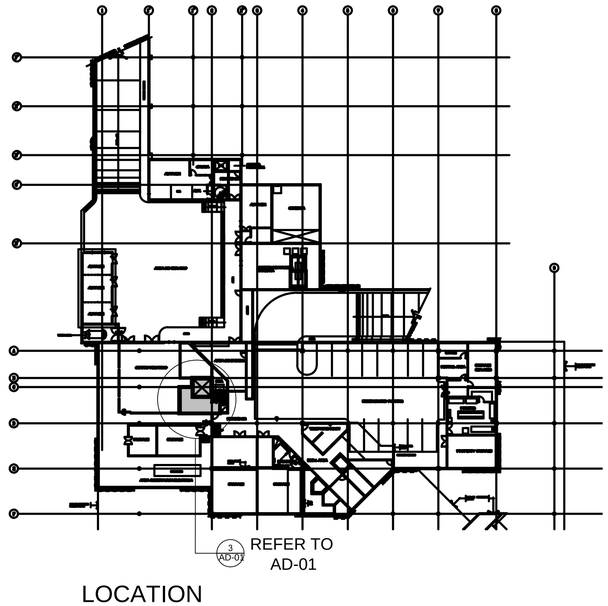
3 LK-01 LOCATION
KEY PLAN - 3RD LEVEL
SCALE: NTS



4 LK-01 LOCATION
KEY PLAN - 2ND LEVEL
SCALE: NTS



5 LK-01 LOCATION
KEY PLAN - 1ST LEVEL (PLAZA)
SCALE: NTS



6 LK-01 LOCATION
KEY PLAN - BASEMENT
SCALE: NTS

N

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS

SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

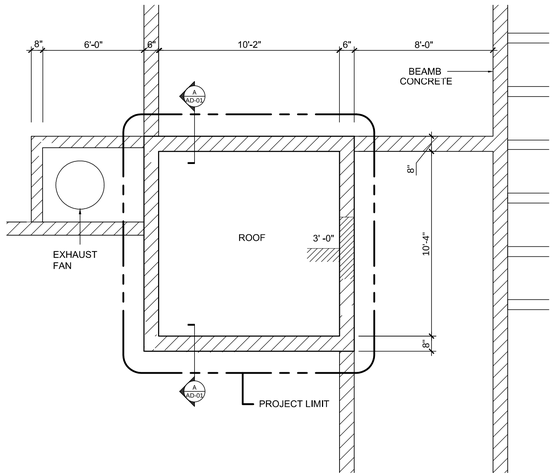
LOCATION
KEY PLAN

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–LK–01:DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

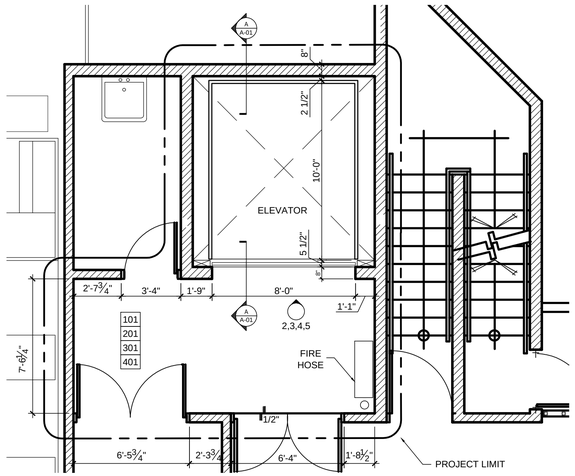
06-35 LK-01

DRAWING NO.



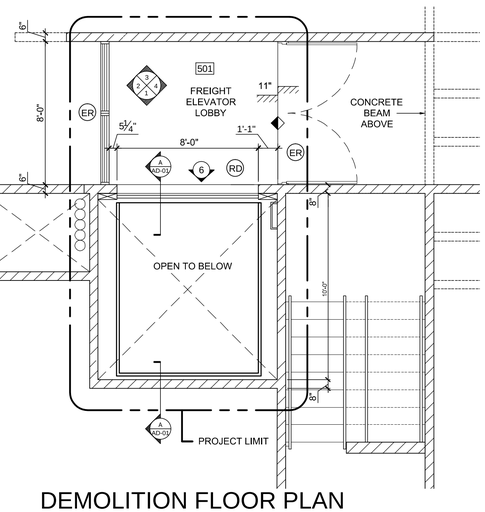
DEMOLITION ROOF PLAN ROOF LEVEL

1 AD-01 SCALE: 1/4"=1'-0"



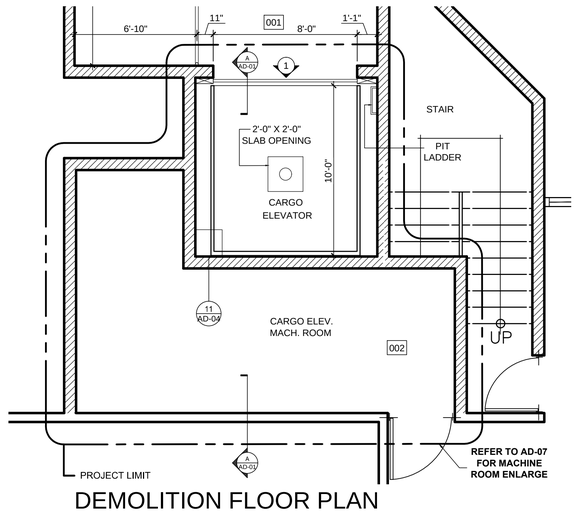
DEMOLITION FLOOR PLAN 1ST, 2ND, 3RD, & 4TH LEVELS

2 AD-01 SCALE: 1/4"=1'-0"



DEMOLITION FLOOR PLAN ROOF LEVEL

3 AD-01 SCALE: 1/4"=1'-0"



DEMOLITION FLOOR PLAN BASEMENT LEVEL

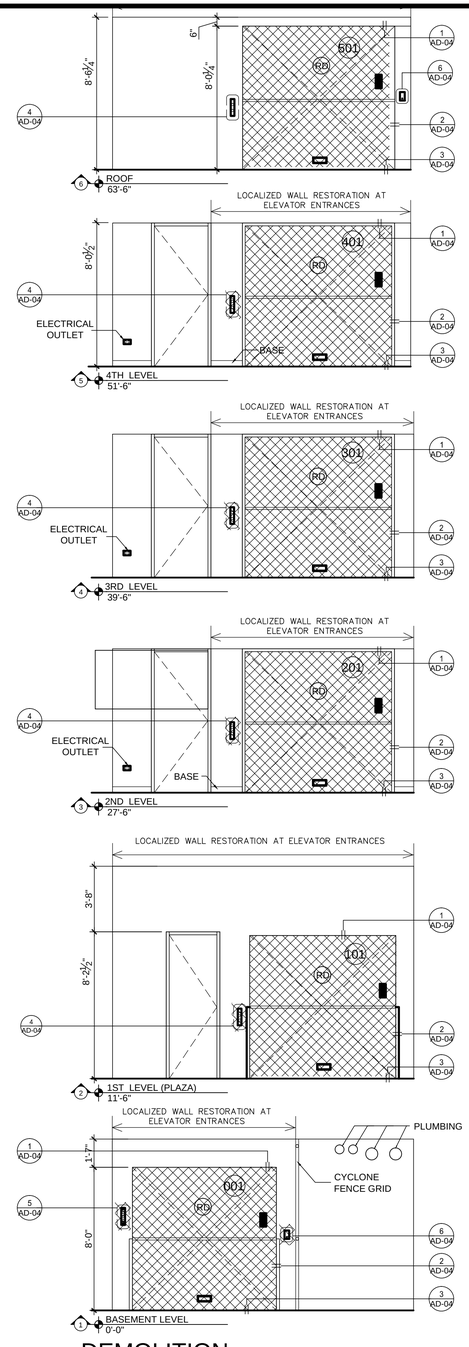
4 AD-01 SCALE: 1/4"=1'-0"

KEY PLAN

LEYEND

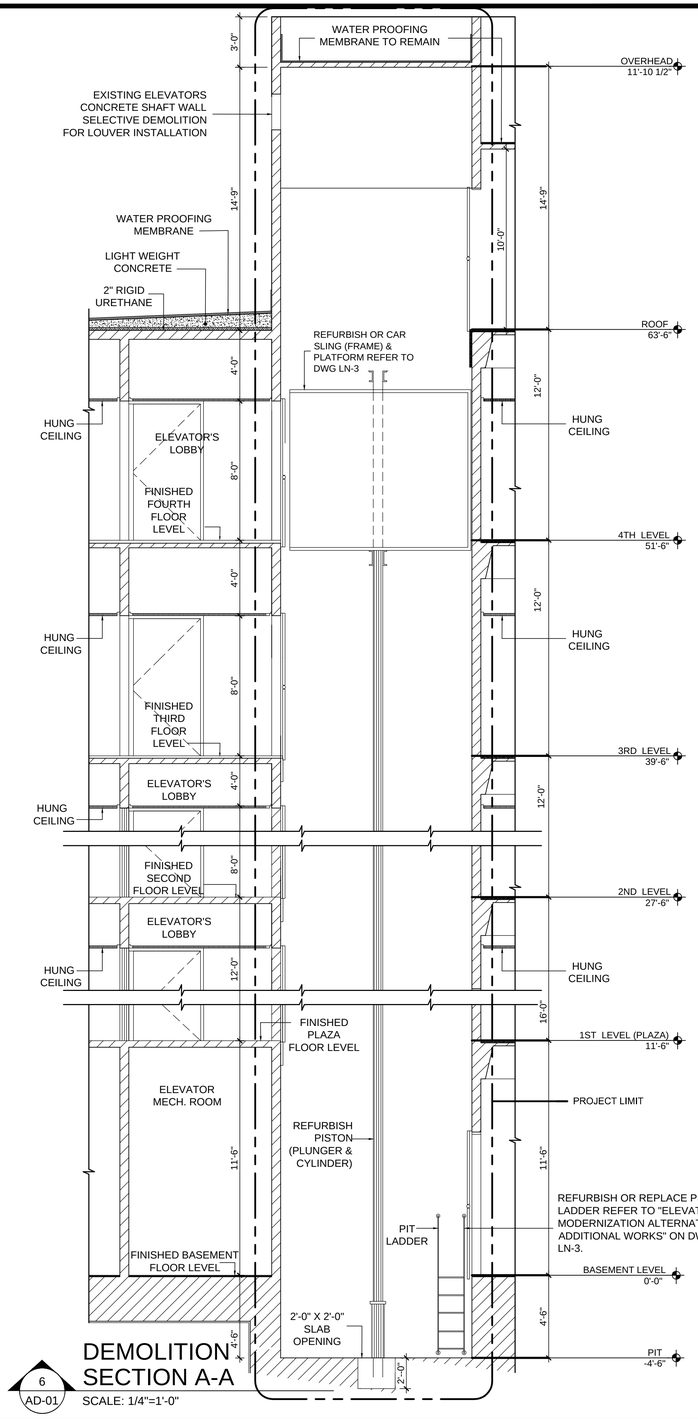
- (ER) EXISTING DOORS TO REMAIN (TYP.)
- (RD) REMOVE & DISPOSE EXISTING DOORS, FRAMES AND HARDWARE (TYP.)
- (RR) EXISTING DOORS TO REMOVE AND REUSE (TYP.)
- WALLS, DOORS, EQUIPMENT DEMOLITION
- AREA TO BE IMPACTED
- L1 EXISTING 2x4 LIGHT FIXTURE TO REFURBISH OR REPLACE (TYP.)
- L2 EXISTING 2x2 LIGHT FIXTURE TO REFURBISH OR REPLACE (TYP.)

REFER TO REQUIREMENTS FOR CONSTRUCTION ON DWG LN-1 TO LN-4:
A. FREIGHT ELEVATOR DEMOLITION & CONSTRUCTION SCOPE OF WORK.
B. ENVIRONMENTAL PROTECTION DURING CONSTRUCTION.
C. PROTECT AND DON'T DISTURB ASBESTOS CONTAINING MATERIAL.
D. PROVIDE TEMPORARY BARRIERS & SECURITY DURING CONSTRUCTION.
E. PROVIDE TEMPORARY PUBLIC ACCESS THROUGH ELEVATOR LOBBY.



DEMOLITION ELEVATOR LOBBY ELEVATIONS

5 AD-01 SCALE: 1/4"=1'-0"



DEMOLITION SECTION A-A

6 AD-01 SCALE: 1/4"=1'-0"

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS PRIDCO HEADQUARTERS

SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14-2004, SEGUN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024-01-26	SCHEMATIC	CR

SHEET TITLE

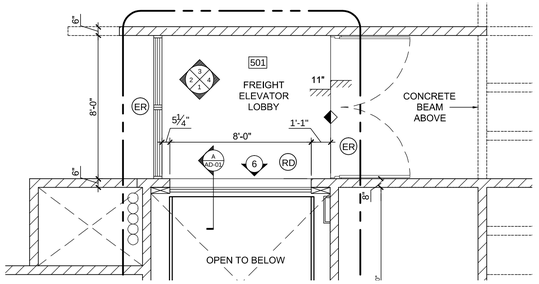
DEMOLITION GENERAL PLANS, ELEVATIONS AND SECTIONS

DATE	2024-JAN-26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323-A-AD-01.DWG
PLOT SCALE	1:1
SCALE	1/4" = 1'-0"

SHEET NO.

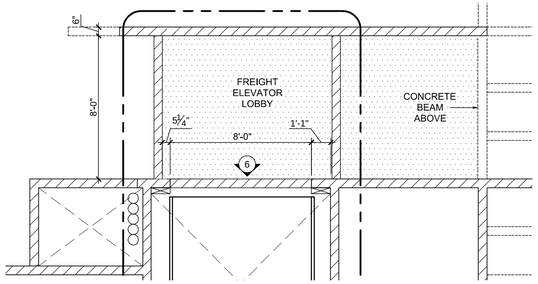
07-35 AD-01

DRAWING NO.



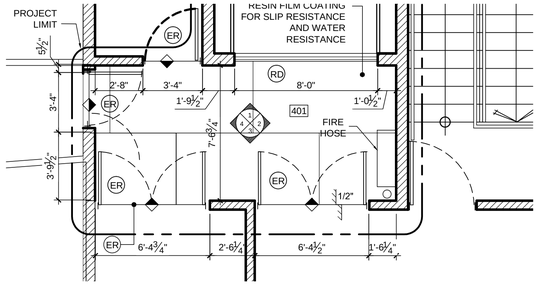
DEMOLITION FLOOR PLAN
ROOF LEVEL

1 AD-02 SCALE: 1/4"=1'-0"



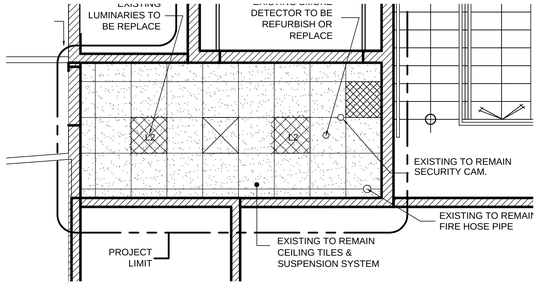
DEMOLITION CEILING PLAN
ROOF LEVEL

2 AD-02 SCALE: 1/4"=1'-0"



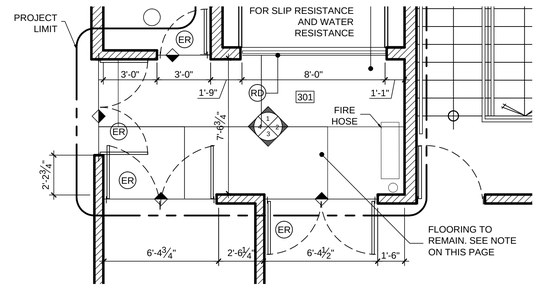
DEMOLITION FLOOR PLAN
4TH FLOOR LEVEL

3 AD-02 SCALE: 1/4"=1'-0"



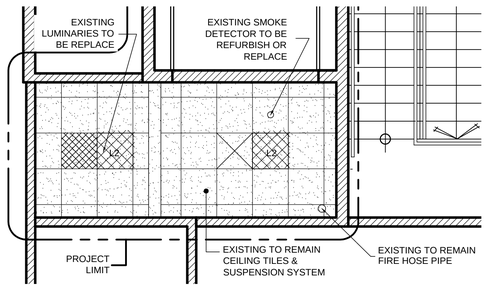
DEMOLITION CEILING PLAN
4TH FLOOR LEVEL

4 AD-02 SCALE: 1/4"=1'-0"



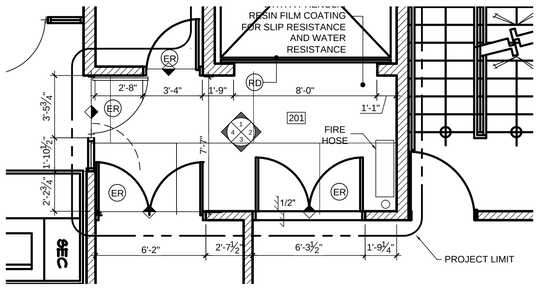
DEMOLITION FLOOR PLAN
3RD FLOOR LEVEL

5 AD-02 SCALE: 1/4"=1'-0"



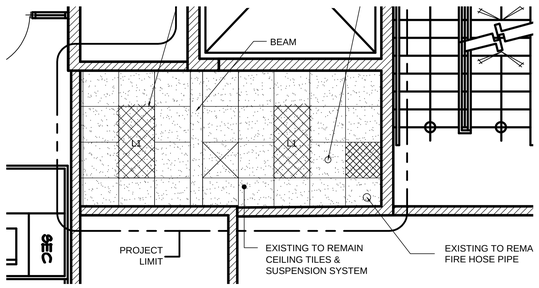
DEMOLITION CEILING PLAN
3RD FLOOR LEVEL

6 AD-02 SCALE: 1/4"=1'-0"



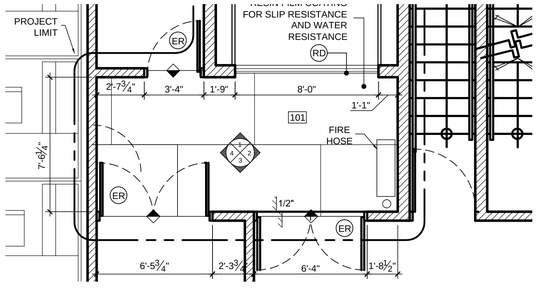
DEMOLITION FLOOR PLAN
2ND FLOOR LEVEL

7 AD-02 SCALE: 1/4"=1'-0"



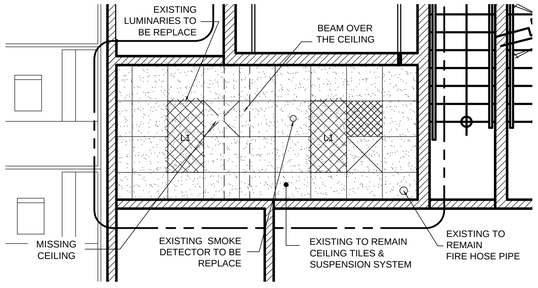
DEMOLITION CEILING PLAN
2ND FLOOR LEVEL

8 AD-02 SCALE: 1/4"=1'-0"



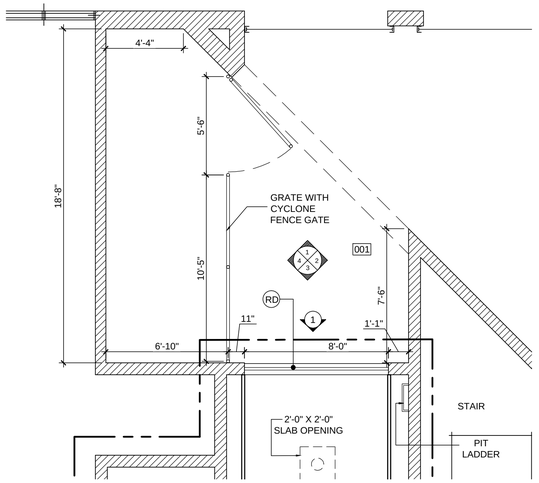
DEMOLITION FLOOR PLAN
1ST FLOOR LEVEL

9 AD-02 SCALE: 1/4"=1'-0"



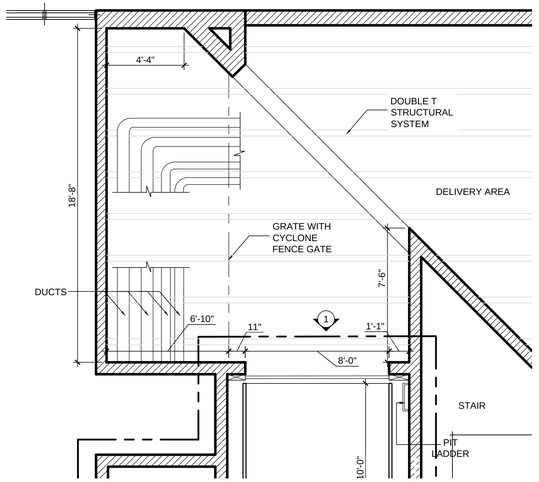
DEMOLITION CEILING PLAN
1ST FLOOR LEVEL

10 AD-02 SCALE: 1/4"=1'-0"



DEMOLITION FLOOR PLAN
BASEMENT LEVEL

11 AD-02 SCALE: 1/4"=1'-0"



DEMOLITION CEILING PLAN
BASEMENT LEVEL

12 AD-02 SCALE: 1/4"=1'-0"

LEYEND

- (ER) EXISTING DOORS TO REMAIN (TYP.)
- (RD) REMOVE & DISPOSE EXISTING DOORS, FRAMES AND HARDWARE (TYP.)
- (RR) EXISTING DOORS TO REMOVE AND REUSE (TYP.)
- WALLS, DOORS, EQUIPMENT DEMOLITION
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C. PROTECT AND DON'T DISTURB ASBESTOS CONTAINING MATERIAL.
D. PROVIDE TEMPORARY BARRIERS & SECURITY DURING CONSTRUCTION.
E. PROVIDE TEMPORARY PUBLIC ACCESS THROUGH ELEVATOR LOBBY.

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CLIENT

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PROJECT NO. A.

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PRIDCO HEADQUARTERS
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REV.	DATED		BY.
A	2024-01-26	SCHEMATIC	CR

SHEET TITLE

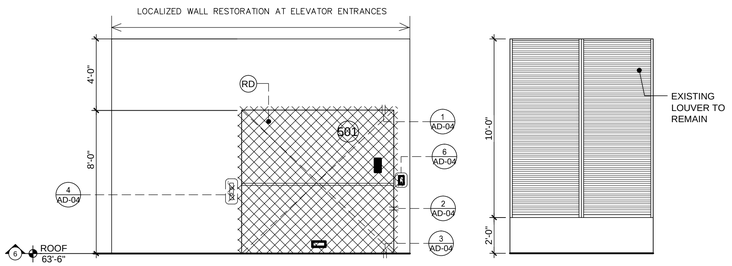
DEMOLITION ELEVATOR LOBBY FLOOR AND CEILING PLANS

DATE	2024-JAN-26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323-A-AD-02.DWG
PLOT SCALE	1:1
SCALE	1/4" = 1'-0"

SHEET NO.

08-35 AD-02

DRAWING NO.

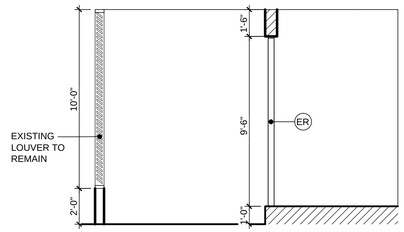


DEMOLITION ELEVATIONS 1.
ROOF LEVEL

1 AD-03 SCALE: 1/4"=1'-0"

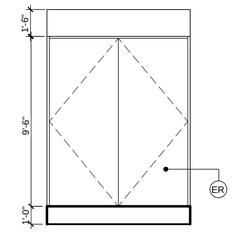
DEMOLITION ELEVATION 2.
ROOF LEVEL

2 AD-03 SCALE: 1/4"=1'-0"



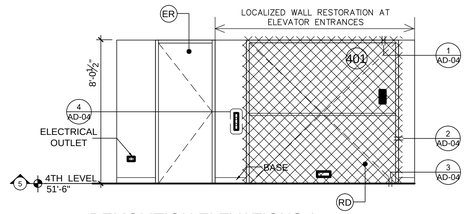
DEMOLITION ELEVATIONS 3.
ROOF LEVEL

3 AD-03 SCALE: 1/4"=1'-0"



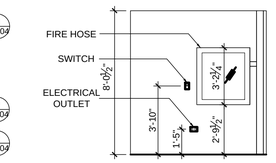
DEMOLITION ELEVATIONS 4.
ROOF LEVEL

4 AD-03 SCALE: 1/4"=1'-0"



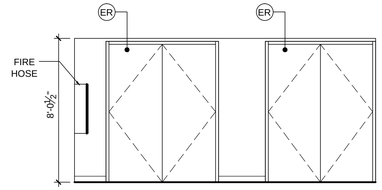
DEMOLITION ELEVATIONS 1.
4TH LEVEL

5 AD-03 SCALE: 1/4"=1'-0"



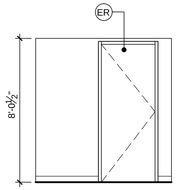
DEMOLITION ELEVATIONS 2.
4TH LEVEL

6 AD-03 SCALE: 1/4"=1'-0"



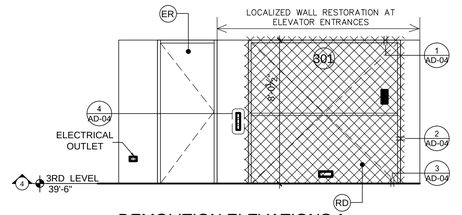
DEMOLITION ELEVATIONS 3.
4TH LEVEL

7 AD-03 SCALE: 1/4"=1'-0"



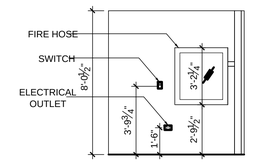
DEMOLITION ELEVATIONS 4.
4TH LEVEL

8 AD-03 SCALE: 1/4"=1'-0"



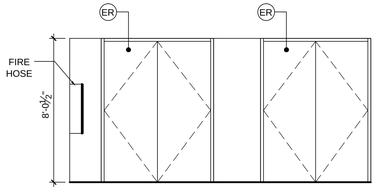
DEMOLITION ELEVATIONS 1.
3RD LEVEL

9 AD-03 SCALE: 1/4"=1'-0"



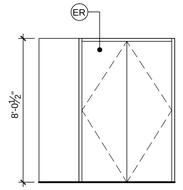
DEMOLITION ELEVATIONS 2.
3RD LEVEL

10 AD-03 SCALE: 1/4"=1'-0"



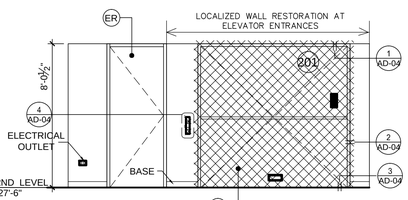
DEMOLITION ELEVATIONS 3.
3RD LEVEL

11 AD-03 SCALE: 1/4"=1'-0"



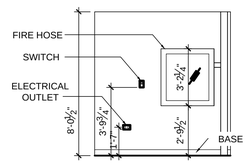
DEMOLITION ELEVATIONS 4.
3RD LEVEL

12 AD-03 SCALE: 1/4"=1'-0"



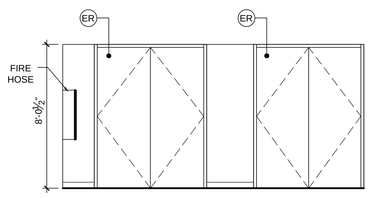
DEMOLITION ELEVATIONS 1.
2ND LEVEL

13 AD-03 SCALE: 1/4"=1'-0"



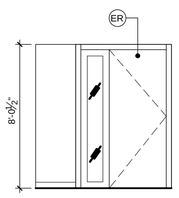
DEMOLITION ELEVATIONS 2.
2ND LEVEL

14 AD-03 SCALE: 1/4"=1'-0"



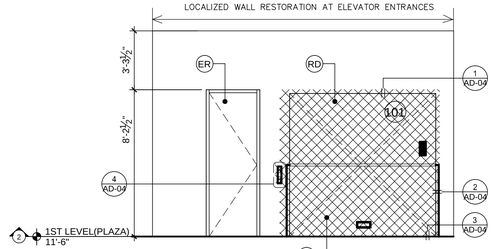
DEMOLITION ELEVATIONS 3.
2ND LEVEL

15 AD-03 SCALE: 1/4"=1'-0"



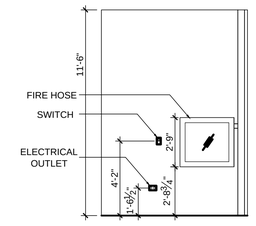
DEMOLITION ELEVATIONS 4.
2ND LEVEL

16 AD-03 SCALE: 1/4"=1'-0"



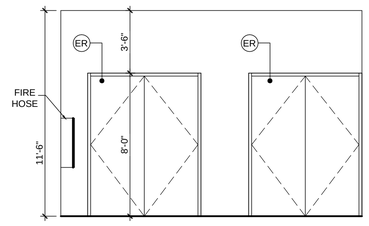
DEMOLITION ELEVATIONS 1.
1ST LEVEL (PLAZA)

17 AD-03 SCALE: 1/4"=1'-0"



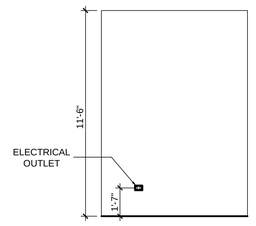
DEMOLITION ELEVATIONS 2.
1ST LEVEL (PLAZA)

18 AD-03 SCALE: 1/4"=1'-0"



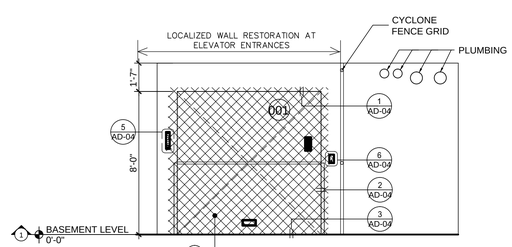
DEMOLITION ELEVATIONS 3.
1ST LEVEL (PLAZA)

19 AD-03 SCALE: 1/4"=1'-0"



DEMOLITION ELEVATIONS 4.
1ST LEVEL (PLAZA)

20 AD-03 SCALE: 1/4"=1'-0"



DEMOLITION ELEVATIONS 1.
BASEMENT LEVEL

21 AD-03 SCALE: 1/4"=1'-0"

LEYEND

ER — EXISTING DOORS TO REMAIN (TYP.)

RD — REMOVE & DISPOSE EXISTING DOORS, FRAMES AND HARDWARE (TYP.)

RR — EXISITNG DOORS TO REMOVE AND REUSE (TYP.)

WALLS, DOORS, MODULAR & CABINETS DEMOLITION

AREA TO BE IMPACTED

REFER TO REQUIREMENTS FOR CONSTRUCTION ON DWG LN-1 TO LN-4:
A. FREIGHT ELEVATOR DEMOLITION & CONSTRUCTION SCOPE OF WORK.
B. ENVIRONMENTAL PROTECTION DURING CONSTRUCTION.
C. PROTECT AND DON'T DISTURB ASBESTOS CONTAINING MATERIAL.
D. PROVIDE TEMPORARY BARRIERS & SECURITY DURING CONSTRUCTION.
E. PROVIDE TEMPORARY PUBLIC ACCESS THROUGH ELEVATOR LOBBY.

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CLIENT
DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.
CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

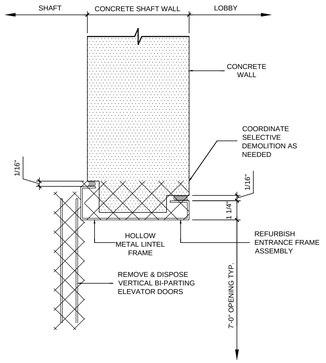
YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14-2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024-01-26	SCHEMATIC	CR

SHEET TITLE
DEMOLITION ELEVATOR LOBBY ELEVATIONS

DATE	2024-JAN-26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323-A-AD-03.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'-0"

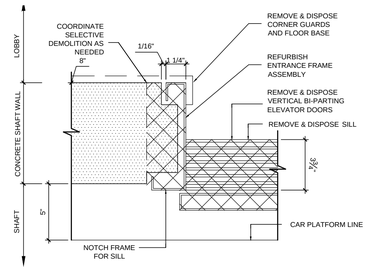
SHEET NO.
09-35 AD-03
DRAWING NO.



DETAIL SECTION HEAD CONDITION

1 AD-04

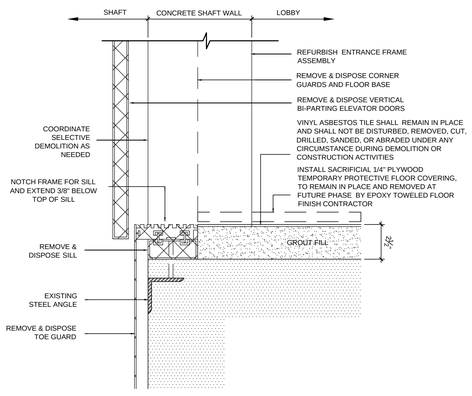
SCALE: 3"=1'-0"



PLAN DETAIL JAMB CONDITION

2 AD-04

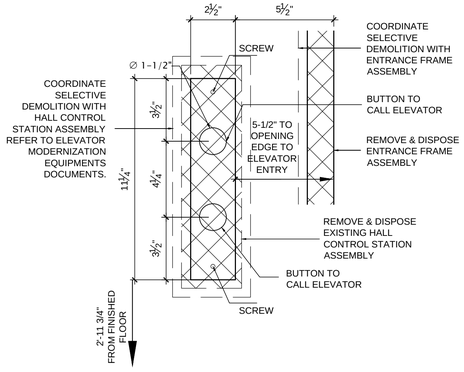
SCALE: 3"=1'-0"



DETAIL SECTION SILL CONDITION

3 AD-04

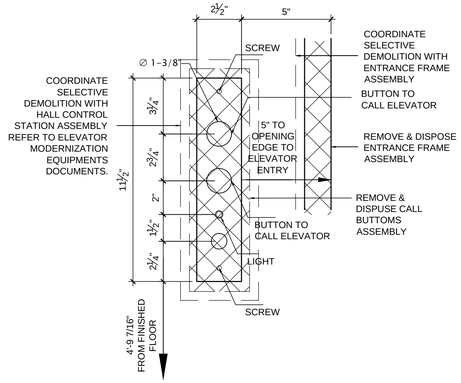
SCALE: 3"=1'-0"



1ST - 4TH AND ROOF LEVELS ELEVATOR BUTTONS

4 AD-04

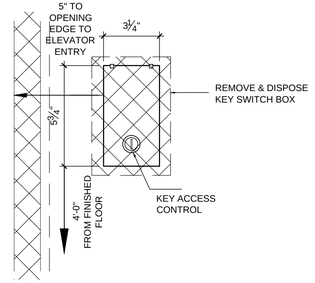
SCALE: 3"=1'-0"



BASEMENT ANS ROOF LEVEL ELEVATOR BUTTONS

5 AD-04

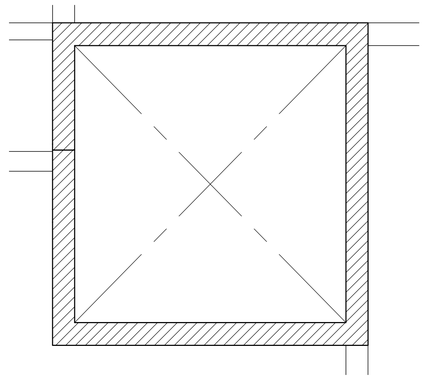
SCALE: 3"=1'-0"



BASEMENT AND ROOF KEY ACCESS CONTROL

6 AD-04

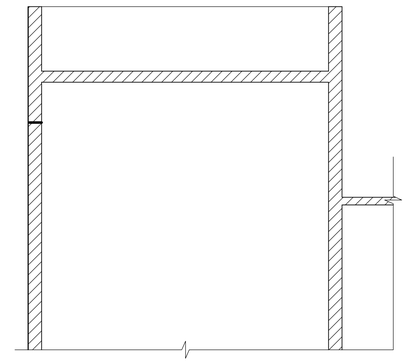
SCALE: 3"=1'-0"



DEMOLITION SHAFT PLAN ROOF LEVEL (OVERHEAD)

7 AD-04

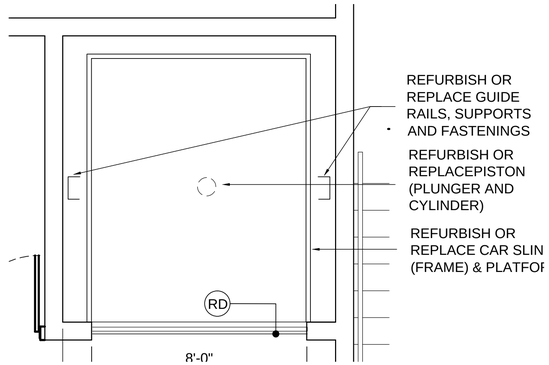
SCALE: 3/8"=1'-0"



DEMOLITION SHAFT SECTION A-A ROOF LEVEL (OVERHEAD)

8 AD-04

SCALE: 3/8"=1'-0"

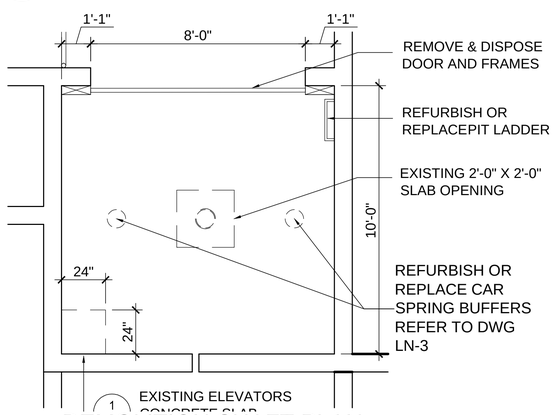


DEMOLITION SHAFT PLAN 1ST, 2ND, 3RD AND 4TH LEVELS

9 AD-04

SCALE: 3/8"=1'-0"

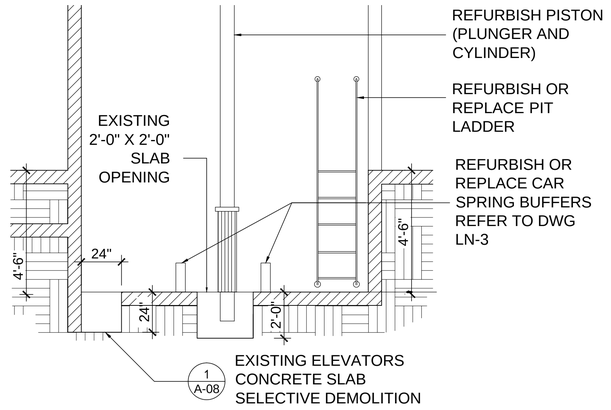
NOTES ON EQUIPMENT REMOVAL:
ONLY PARTS TO BE REUSE AND REFURBISH:
A. GUIDE RAILS AND SUPPORTS
B. PISTON (PLUNGER AND CYLINDER)
C. CAR SLING (FRAME) & PLATFORM
D. LOBBY DOORS FRAMES
E. BUFFERS
REMOVE AND DISPOSE OF ALL OTHER ELEVATOR ELEMENTS.



DEMOLITION SHAFT PLAN BASEMENT (PIT)

11 AD-04

SCALE: 3/8"=1'-0"



DEMOLITION SHAFT SECTION A-A BASEMENT LEVEL (PIT)

12 AD-04

SCALE: 1/2"=1'-0"

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

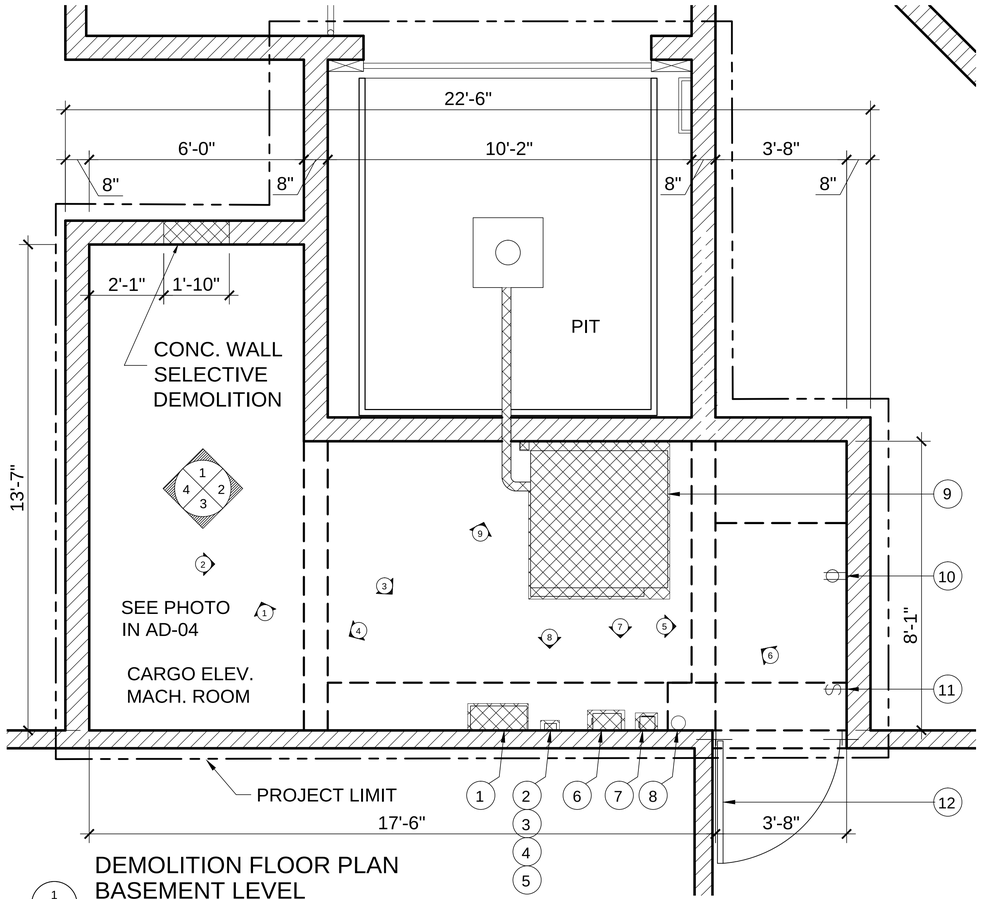
DEMOLITION ELEVATOR LOBBY DETAILS (DOOR, SILL, JAMS, HEADS AND BUTTONS)

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–04.DWG
PLOT SCALE	1:1
SCALE	3" = 1'–0"

SHEET NO.

10-35 AD-04

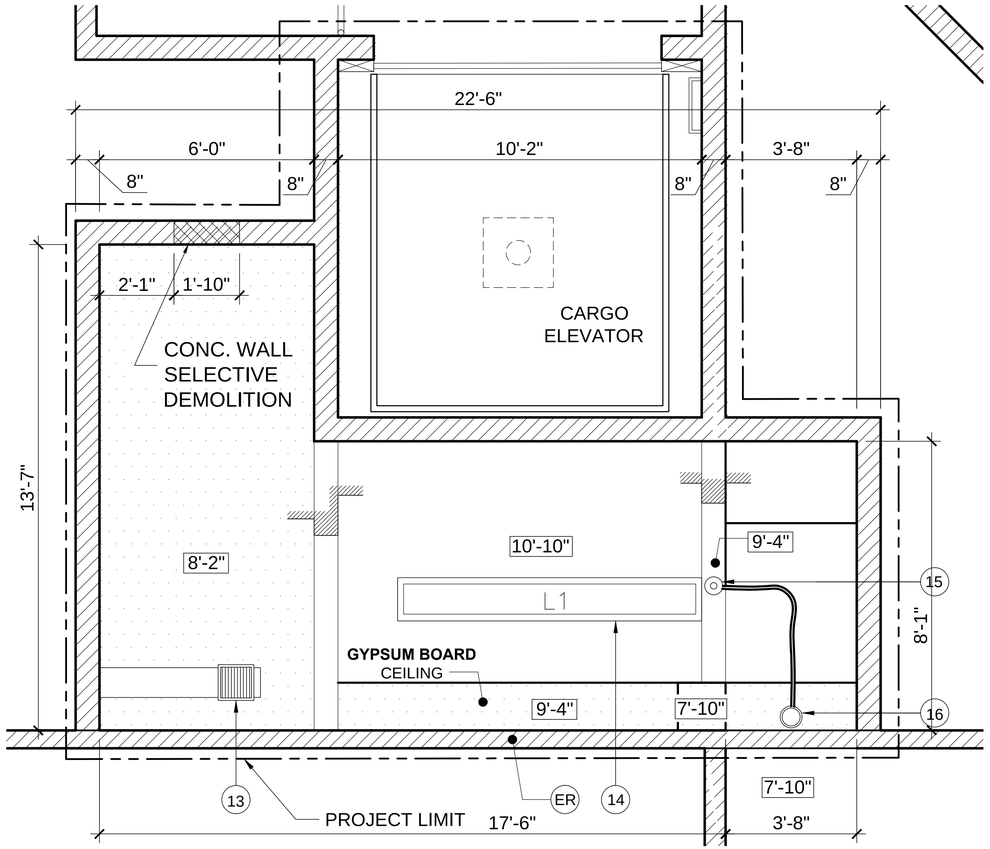
DRAWING NO.



DEMOLITION FLOOR PLAN BASEMENT LEVEL

1 AD-07

SCALE: 1/2" = 1'-0"



DEMOLITION CEILING PLAN BASEMENT LEVEL

2 AD-07

SCALE: 1/2"=1'-0"

DEMOLITION LEGEND:

OVERALL DEMOLITION.

CEILING LEGEND:

- L1- LUMINARY
- SMOKE DETECTOR
- FLASHING ALARM
- AIR DIFFUSER
- GYPSUM BOARD CEILING
- ER — EXISTING TO REMAIN
- 1 — INTERIOR PHOTOS
- 7'-10" — CEILING HEIGHT
- ELECTRICAL OUTLET
- SWITCH

MACHINE ROOM CARGO ELEVATOR		
ITEM	DESCRIPTION	REMARKS
1	ELEVATOR CONTROLLER UNIT NO 1	3
2	SIEMENS TRI-R FIRE MXL INTELLIGENT RELAY INTERFACE MODULE	3
3	SIEMENS TRI-R FIRE MXL INTELLIGENT RELAY INTERFACE MODULE	3
4	SIEMENS TRI-R FIRE MXL INTELLIGENT RELAY INTERFACE MODULE	3
5	SIEMENS TRI-R FIRE MXL INTELLIGENT SINGLE INPUT RELAY INTERFACE MODULE	3
6	MAIN LINE DISCONNECT SWITCH - HYDRAULIC SYSTEM ASSEMBLY	3
7	MAIN LINE DISCONNECT SWITCH - CONTROLLER	3
8	FIRE EXTINGUISHER	1
9	HYDRAULIC SYSTEM ASSEMBLY UNIT NO 1	3
10	DUPLEX ELECTRICAL RECEPTACLE	3
11	LIGHT SWITCH	3
12	DOOR AND FRAMES	3
13	8" VENTILATION DUCT AND GRILLS	4
14	LIGHTING FIXTURES	3
15	SMOKE DETECTOR	3
16	VISUAL ALARM	3

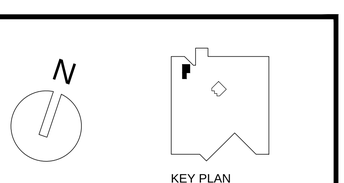
REMARKS

1. SALVAGEABLE VALUE: ITEMS OF SALVAGEABLE VALUE, AS DETERMINED BY THE OWNER, SHALL BE CAREFULLY REMOVED, CLEANED, STORED AND TURNED OVER TO THE OWNER, IN AN AREA DESIGNATED BY THE OWNER. G.C TO OBTAIN A RECEIPT. FOR THE STORED ITEMS.

2. RECYCLABLE VALUE: ITEMS OF RECYCLABLE VALUE, SHALL BE DIVERT FROM DISPOSAL BY GENERAL CONTRACTOR. REFER TO GC WASTE AND RECYCLING MANAGEMENT PLAN.

3. REMOVE AND DISPOSE: EQUIPMENT TO BE REMOVE AND DISPOSE FOLLOWING STATE REGULATIONS IN A LANDFILL SITE APPROVED BY STATE AGENCY ENVIRONMENTAL QUALITY BOARD (EQB) AND EPA. DISPOSITION OF THE STATE PROPERTY SHALL BE MADE IN ACCORDANCE WITH STATE AND FEDERAL AGENCY DISPOSITION REGULATIONS.

4. PRESERVE AND REUSE: EXISTING EQUIPMENT TO BE PRESERVE AND REUSE. REFURBISH, CLEAN, REPLACE MISSING PARTS AND CERTIFIED THAT COMPLIES WITH CURRENT CODES AND SAFETY REQUIREMENTS.



KEY PLAN

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

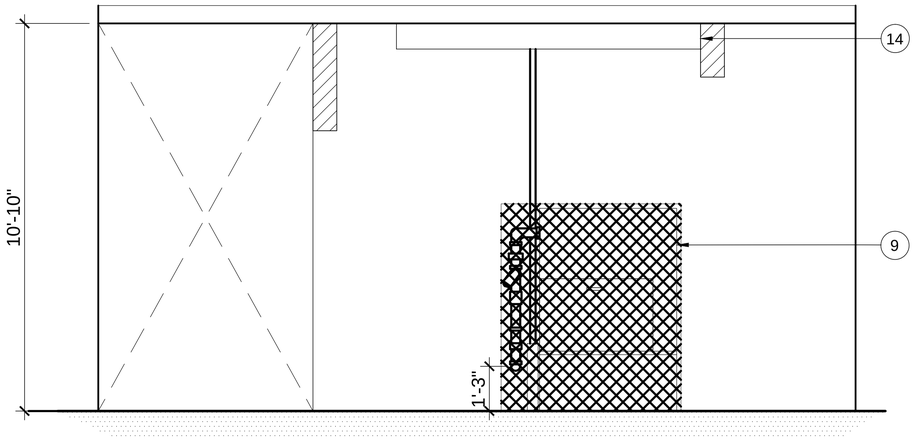
SHEET TITLE

DEMOLITION MACHINE ROOM ENLARGUE FLOOR AND CEILING PLAN S

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–07.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO. 11-35

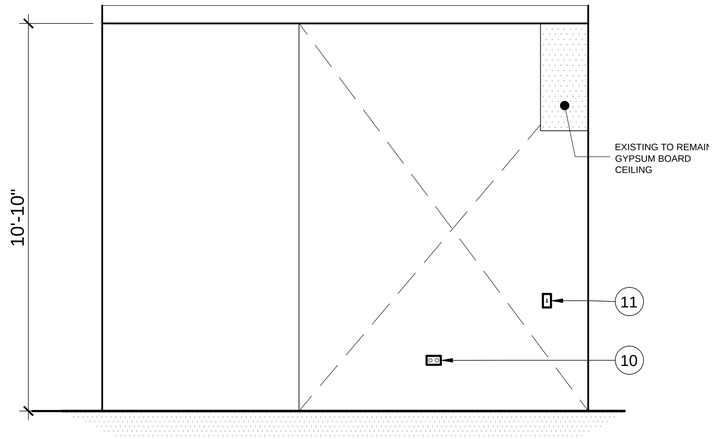
DRAWING NO. AD-05



DEMOLITION ELEVATION 1. MACHINE ROOM

1 / AD-08

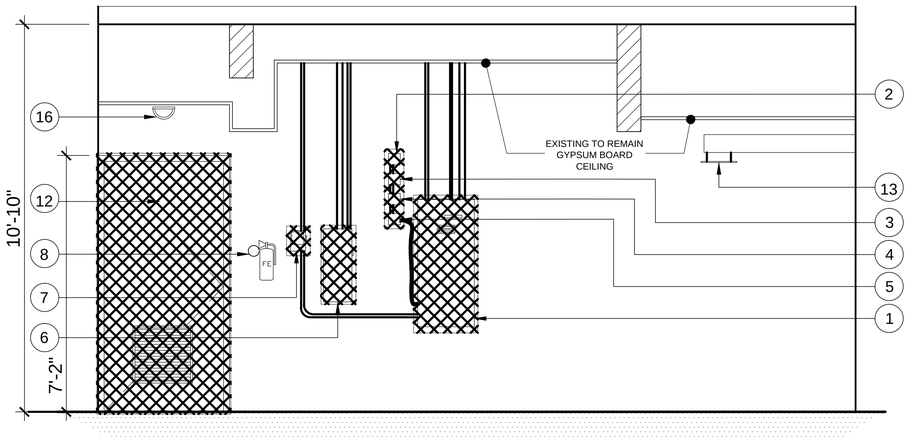
SCALE: 1/2"=1'-0"



DEMOLITION ELEVATION 2. MACHINE ROOM

2 / AD-08

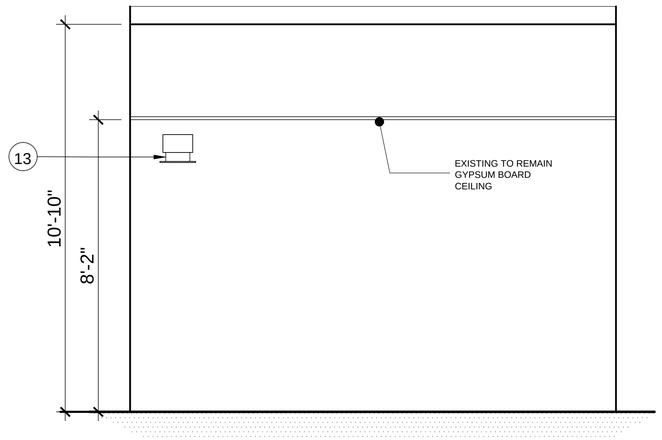
SCALE: 1/2"=1'-0"



DEMOLITION ELEVATION 3. MACHINE ROOM

3 / AD-08

SCALE: 1/2"=1'-0"



DEMOLITION ELEVATION 4. MACHINE ROOM

4 / AD-08

SCALE: 1/2"=1'-0"

MACHINE ROOM CARGO ELEVATOR		
ITEM	DESCRIPTION	REMARKS
1	ELEVATOR CONTROLLER UNIT NO 1	3
2	SIEMENS TRI-R FIRE MXL INTELLIGENT RELAY INTERFACE MODULE	3
3	SIEMENS TRI-R FIRE MXL INTELLIGENT RELAY INTERFACE MODULE	3
4	SIEMENS TRI-R FIRE MXL INTELLIGENT RELAY INTERFACE MODULE	3
5	SIEMENS TRI-R FIRE MXL INTELLIGENT SINGLE INPUT RELAY INTERFACE MODULE	3
6	MAIN LINE DISCONNECT SWITCH - HYDRAULIC SYSTEM ASSEMBLY	3
7	MAIN LINE DISCONNECT SWITCH - CONTROLLER	3
8	FIRE EXTINGUISHER	1
9	HYDRAULIC SYSTEM ASSEMBLY UNIT NO 1	3
10	DUPLEX ELECTRICAL RECEPTACLE	3
11	LIGHT SWITCH	3
12	DOOR AND FRAMES	3
13	8" VENTILATION DUCT AND GRILLS	4
14	LIGHTING FIXTURES	3
15	SMOKE DETECTOR	3
16	VISUAL ALARM	3

REMARKS

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2. RECYCLABLE VALUE: ITEMS OF RECYCLABLE VALUE, SHALL BE DIVERT FROM DISPOSAL BY GENERAL CONTRACTOR. REFER TO GC WASTE AND RECYCLING MANAGEMENT PLAN.

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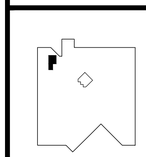

KEY PLAN

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CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14-2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE], SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

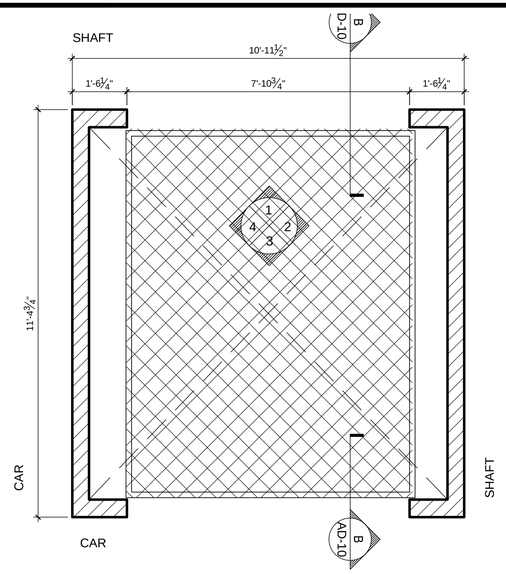
DEMOLITION MACHINE ROOM ELEVATIONS

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–08.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO.

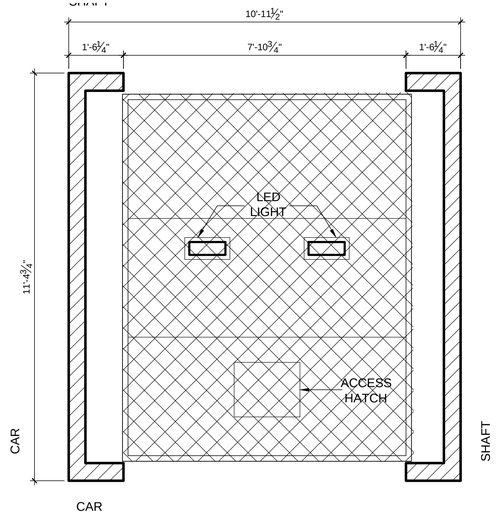
12-35 AD-06

DRAWING NO.



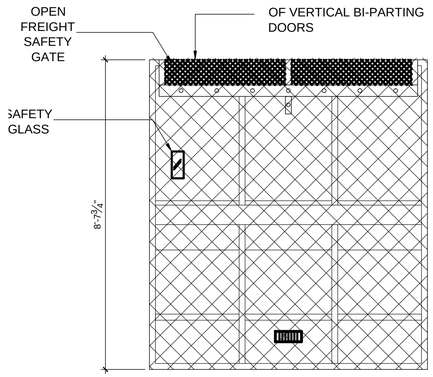
DEMOLITION CAR PLAN CARGO ELEVATOR

1 AD-10 SCALE: 1/2"=1'-0"



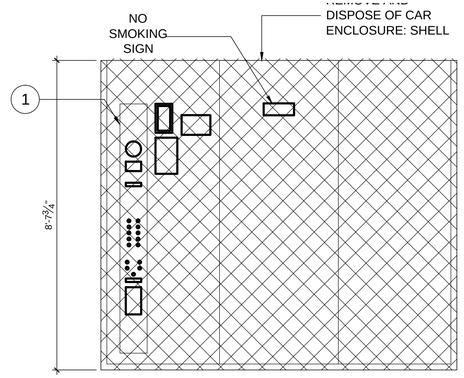
DEMOLITION CAR CEILING PLAN CARGO ELEVATOR

3 AD-10 SCALE: 1/2"=1'-0"



DEMOLITION CAR ELEVATION 1. CARGO ELEVATOR

4 AD-10 SCALE: 1/2"=1'-0"



DEMOLITION CAR ELEVATION 2. CARGO ELEVATOR

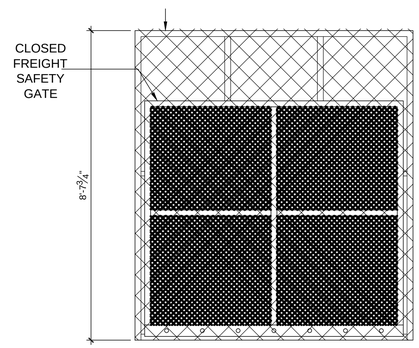
5 AD-10 SCALE: 1/2"=1'-0"

EXISTING EQUIPMENT REMOVAL SCHEDULE		
ITEM	DESCRIPTION	REMARKS
1	CAR ENCLOSURE: SHELL	REMOVE AND DISPOSE
2	INTERIOR PROTECTION PANELS	REMOVE AND DISPOSE
3	FLOORING	REMOVE AND DISPOSE
4	VERTICAL BI-PARTING DOORS	REMOVE AND DISPOSE
5	CANOPY/DOME	REMOVE AND DISPOSE
6	CAR SLING (FRAME) & PLATFORM	REFURBISH

1. NOTES ON EQUIPMENT REMOVAL:
REFER TO ATTACHED SPECIFICATIONS "GUIDE FOR HYDRAULIC FREIGHT ELEVATOR PRIDCO" (S-1340-0-82-00) SAN JUAN, PR, PREPARED BY MR. CARLOS J DIAZ REYES, BSME, PROSHA-062 FROM DIAZ CONSULTING LLC, TABLE TITLE "ALTERNATE COST FOR ADDITIONAL WORKS: REUSE, REFURBISH AND REPLACEMENT OF EQUIPMENT" (DWG LN-3), AND NOTES ON DRAWINGS LN-1 TO LN-4.

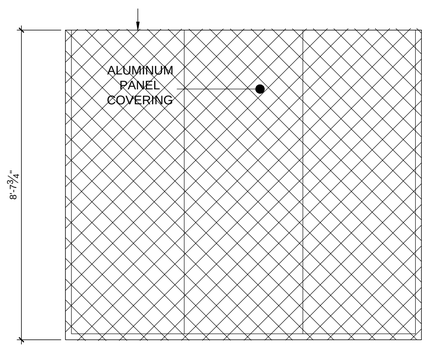
2. PARTS TO BE REUSE AND REFURBISH OR REPLACE (REFER TO TABLE AT LN-03):
   A. GUIDE RAILS AND SUPPORTS.
   B. PISTON (PLUNGER AND CYLINDER).
   C. CAR SLING (FRAME) & PLATFORM.
   D. BUFFERS.
   E. LOBBY DOOR FRAMES.

3. REMOVE AND DISPOSE ALL OTHER ELEVATOR CAR ELEMENTS.



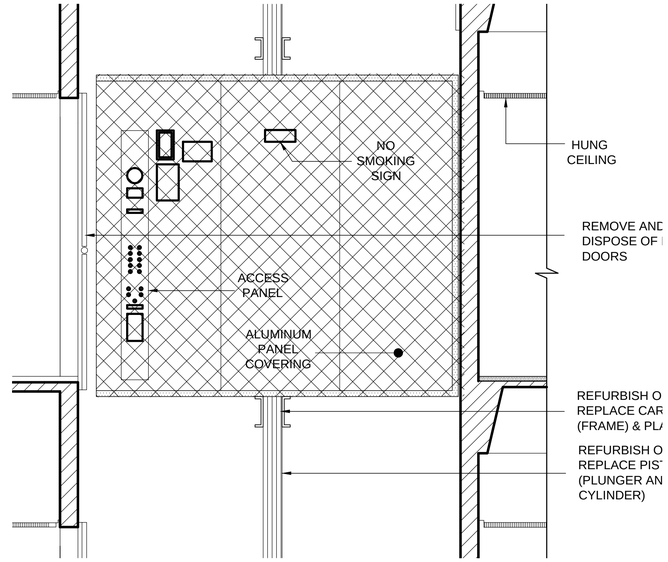
DEMOLITION CAR ELEVATION 3. CARGO ELEVATOR

6 AD-10 SCALE: 1/2"=1'-0"



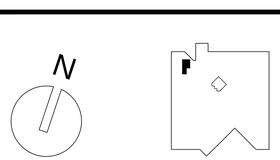
DEMOLITION CAR ELEVATION 4. CARGO ELEVATOR

7 AD-10 SCALE: 1/2"=1'-0"



DEMOLITION SHAFT SECTION CARGO ELEVATOR

8 AD-10 SCALE: 1/2"=1'-0"



KEY PLAN

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CLIENT
DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.
CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE
DEMOLITION ELEVATOR ENLARGE CAR PLANS, ELEVATIONS AND SECTIONS

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–10.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO.
13-35 AD-07
DRAWING NO.

ROOF LEVEL PHOTOS



PHOTO NO. "1"



PHOTO NO. "2"



PHOTO NO. "3"

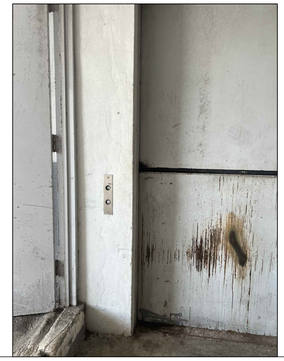

PHOTO NO. "4"



PHOTO NO. "5"



PHOTO NO. "6"

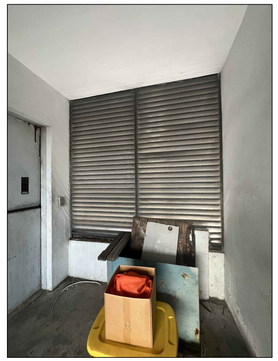

PHOTO NO. "7"

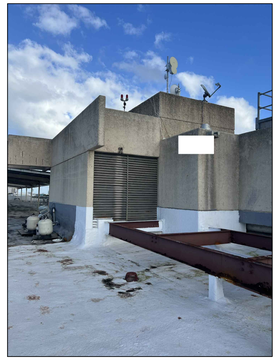

PHOTO NO. "8"

PHOTO NO. "9"

PHOTO NO. "10"

PHOTO NO. "11"

PHOTO NO. "12"

PHOTO NO. "13"

PHOTO NO. "14"

PHOTO NO. "15"

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DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

MACHINE ROOM - BASEMENT LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

14-35

AD-08

DRAWING NO.

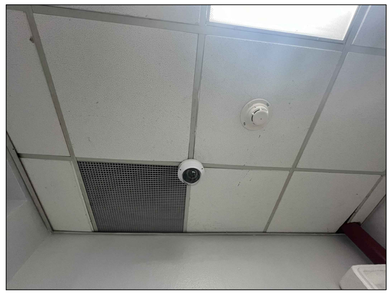
4TH LEVEL PHOTOS



PHOTO NO. "1"



PHOTO NO. "2"



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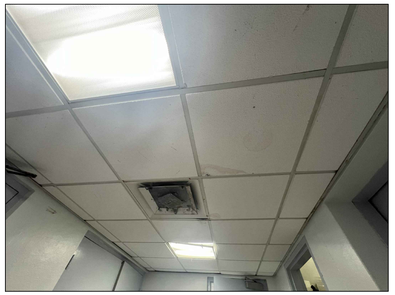

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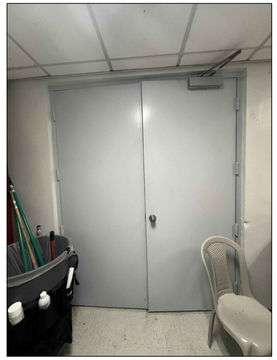

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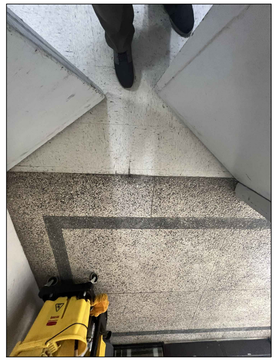

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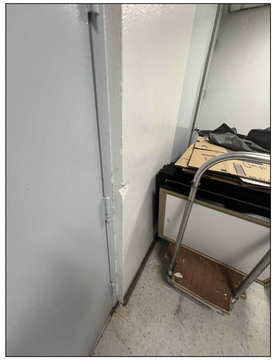

PHOTO NO. "7"



PHOTO NO. "8"



PHOTO NO. "9"

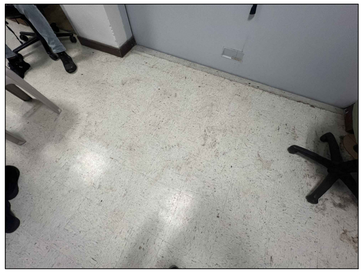

PHOTO NO. "10"



PHOTO NO. "11"



PHOTO NO. "12"



PHOTO NO. "13"

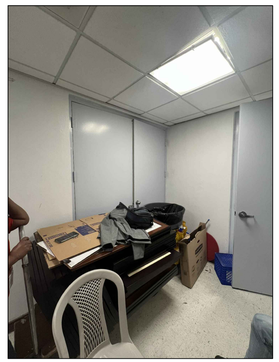

PHOTO NO. "14"

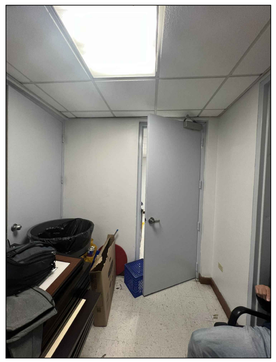

PHOTO NO. "15"

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DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS

SAN JUAN, PUERTO RICO

CONSULTANT SEAL

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

4TH FLOOR - EXECUTIVE LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

15-35

AD-09

DRAWING NO.

3RD LEVEL PHOTOS



PHOTO NO. "1"

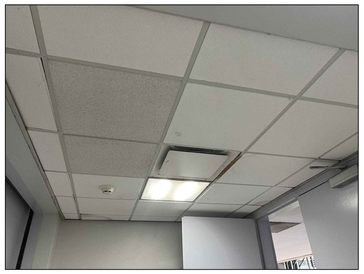

PHOTO NO. "2"



PHOTO NO. "3"



PHOTO NO. "4"

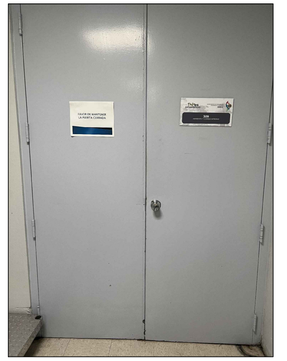

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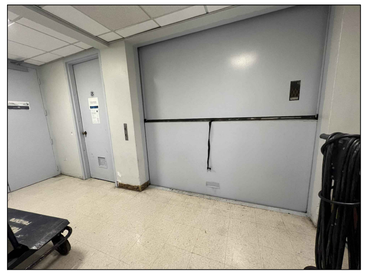
PHOTO NO. "6"



PHOTO NO. "7"



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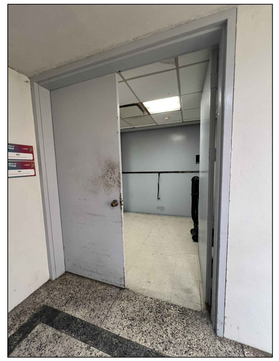
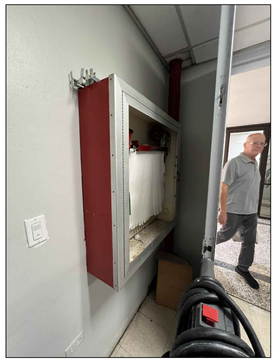


PHOTO NO. "9"



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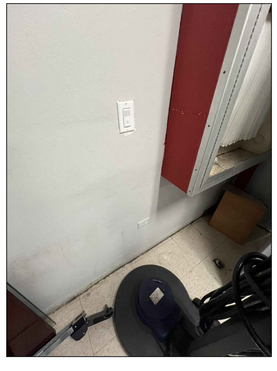

PHOTO NO. "11"

PHOTO NO. "12"

PHOTO NO. "13"

PHOTO NO. "14"

PHOTO NO. "15"

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE], SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

3RD FLOOR - FEDERAL LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

16-35 AD-10

DRAWING NO.

2ND LEVEL PHOTOS



PHOTO NO. "1"

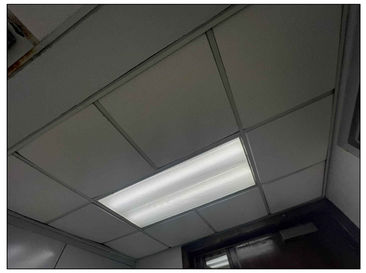


PHOTO NO. "2"

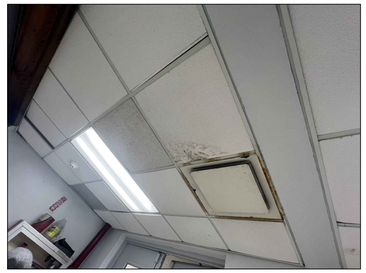


PHOTO NO. "3"

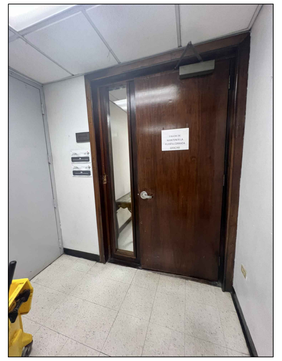
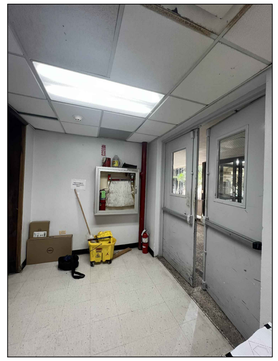


PHOTO NO. "4"



PHOTO NO. "5"



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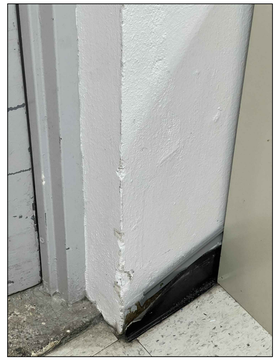

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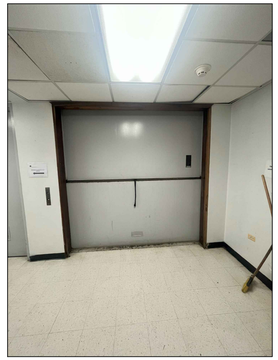
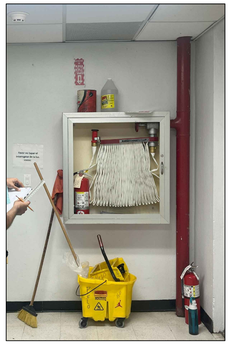


PHOTO NO. "8"



PHOTO NO. "9"



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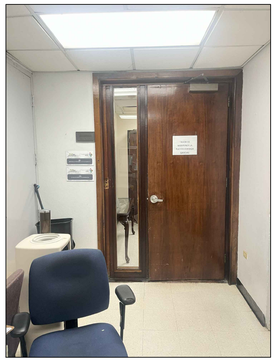

PHOTO NO. "11"

PHOTO NO. "12"

PHOTO NO. "13"

PHOTO NO. "14"

PHOTO NO. "15"

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

2ND FLOOR - ADMINSTRATION LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

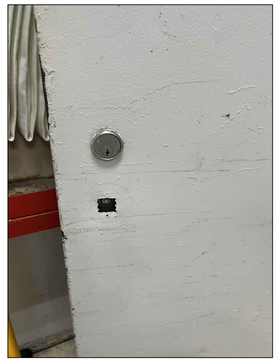
17-35 AD-11

DRAWING NO.

1ST LEVEL PHOTOS



PHOTO NO. "1"



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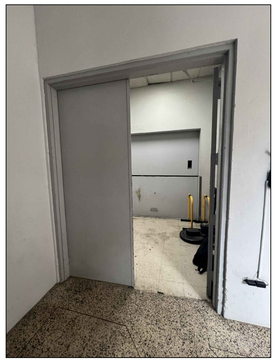

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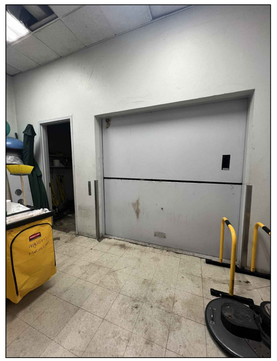

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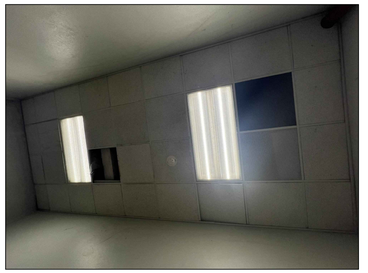
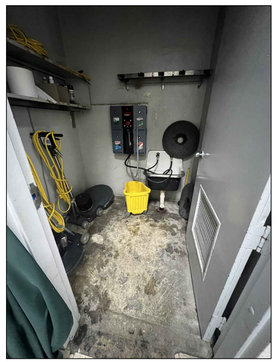


PHOTO NO. "5"



PHOTO NO. "6"



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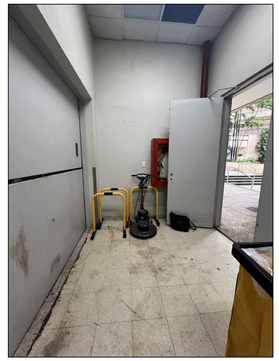

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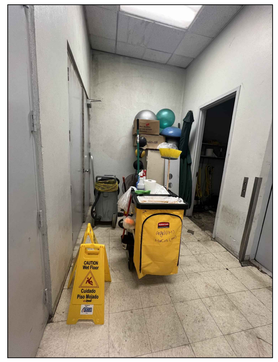


PHOTO NO. "9"

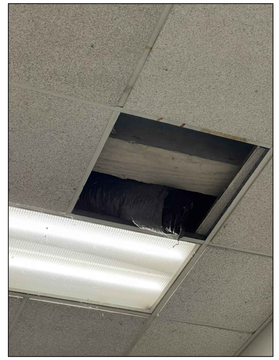
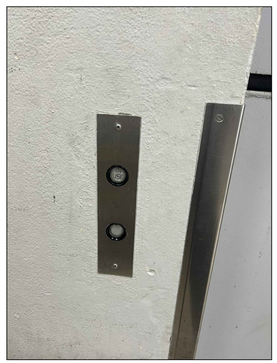


PHOTO NO. "10"



PHOTO NO. "11"



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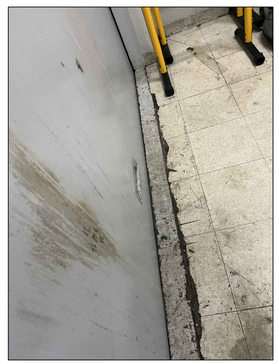

PHOTO NO. "13"

PHOTO NO. "14"

PHOTO NO. "15"

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CLIENT

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PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

1ST FLOOR - ATRIUM PLAZA LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

18-35 AD-12

DRAWING NO.

BASEMENT LEVEL PHOTOS

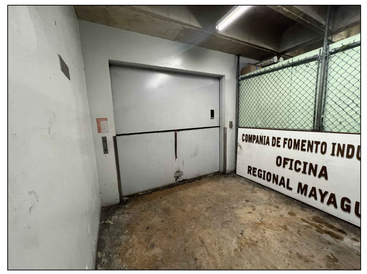


PHOTO NO. "1"



PHOTO NO. "2"



PHOTO NO. "3"

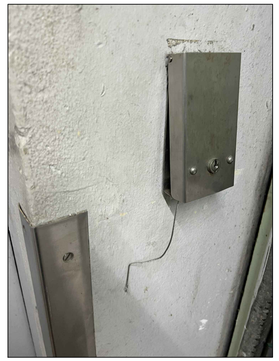


PHOTO NO. "4"



PHOTO NO. "5"

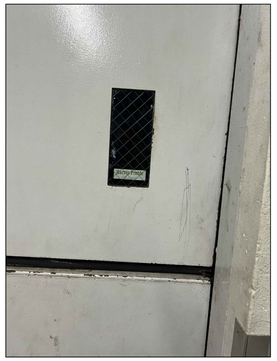


PHOTO NO. "6"



PHOTO NO. "7"



PHOTO NO. "8"



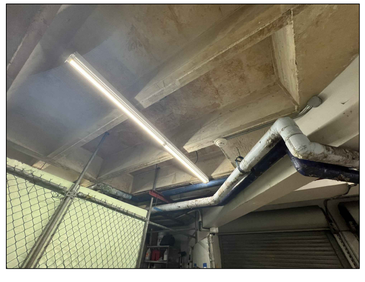
PHOTO NO. "9"



PHOTO NO. "10"



PHOTO NO. "11"



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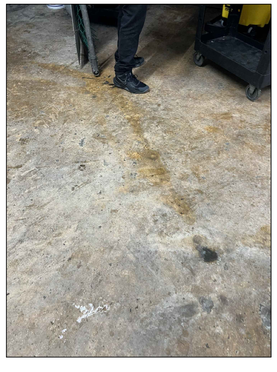

PHOTO NO. "13"

PHOTO NO. "14"

PHOTO NO. "15"

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

BASEMENT LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

19-35

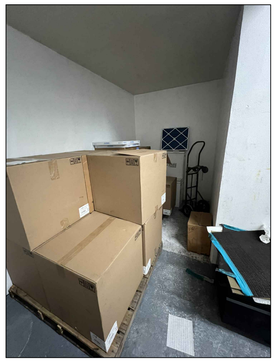
AD-13

DRAWING NO.

MACHINE ROOM PHOTOS



PHOTO NO. "1"



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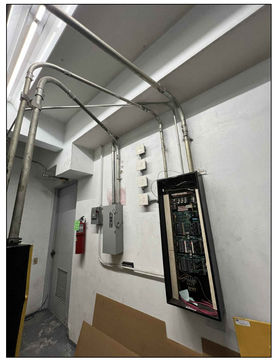

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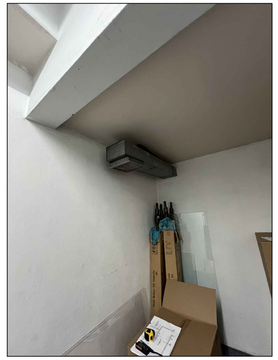


PHOTO NO. "4"

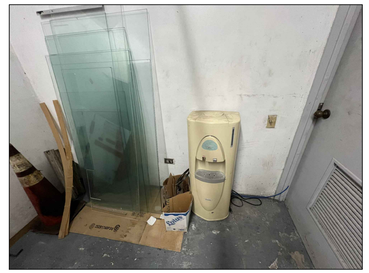
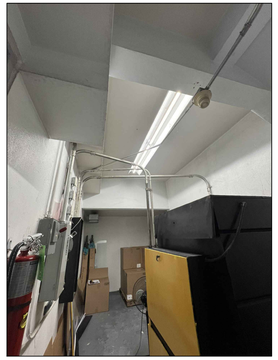


PHOTO NO. "5"



PHOTO NO. "6"



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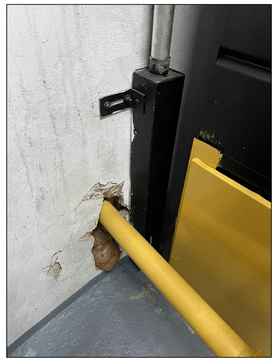


PHOTO NO. "8"



PHOTO NO. "9"

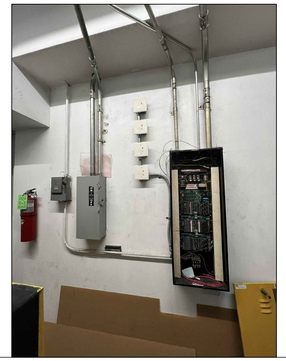
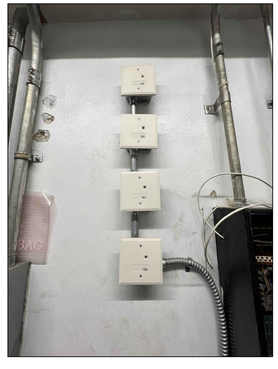


PHOTO NO. "10"



PHOTO NO. "11"



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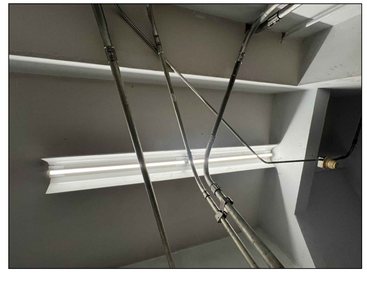

PHOTO NO. "13"



PHOTO NO. "14"



PHOTO NO. "15"

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PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÓN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÓN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÓN APLIQUE]. SEGÓN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

MACHINE ROOM - BASEMENT LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

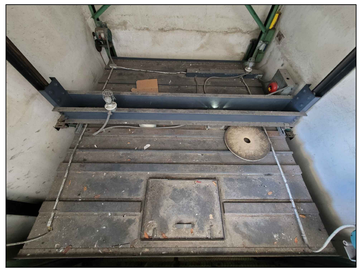
SHEET NO.

20-35

AD-14

DRAWING NO.

SHAFT / CAR PHOTOS



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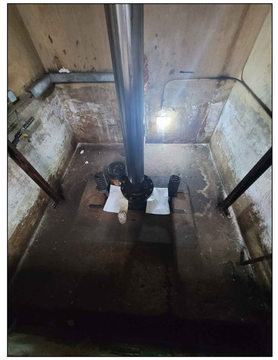

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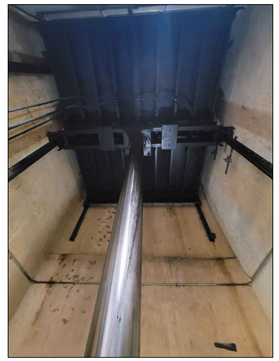

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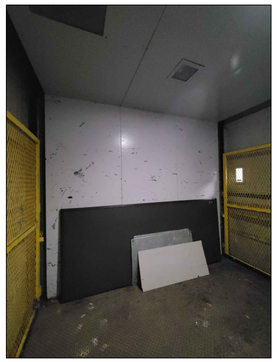

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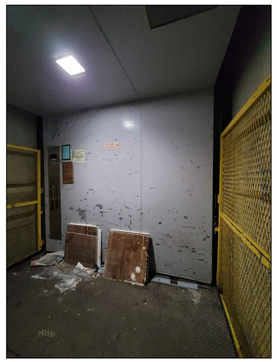

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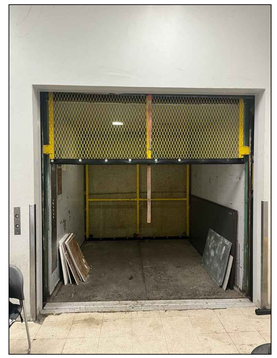

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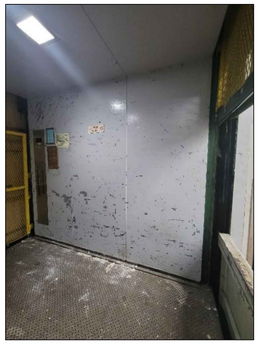

PHOTO NO. "9"



PHOTO NO. "10"

PHOTO NO. "11"

PHOTO NO. "12"

PHOTO NO. "13"

PHOTO NO. "14"

PHOTO NO. "15"

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÓN APLIQUE]. SEGÓN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

SHAFT & CAR LEVEL
EXISTING CONDITIONS
PHOTO SURVEY

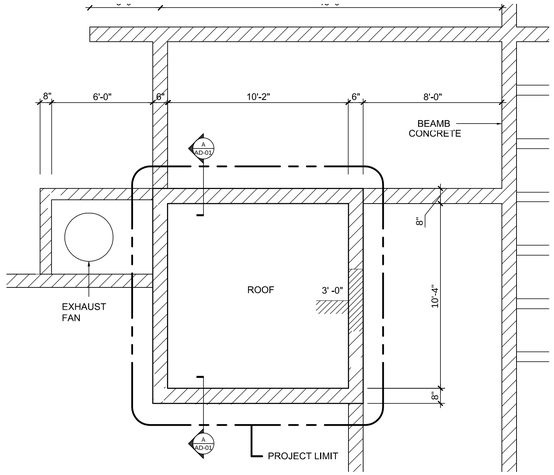
DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–AD–09.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

21-35

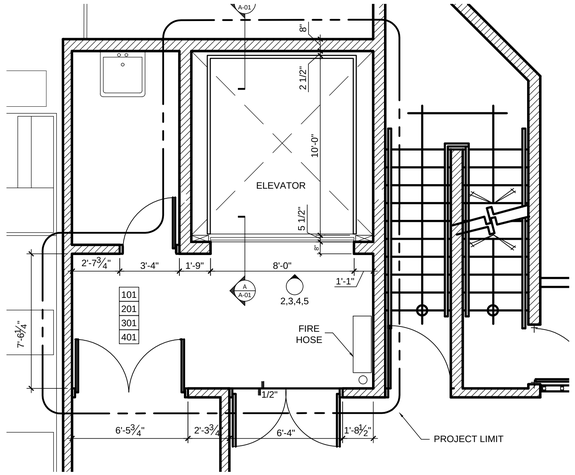
AD-15

DRAWING NO.



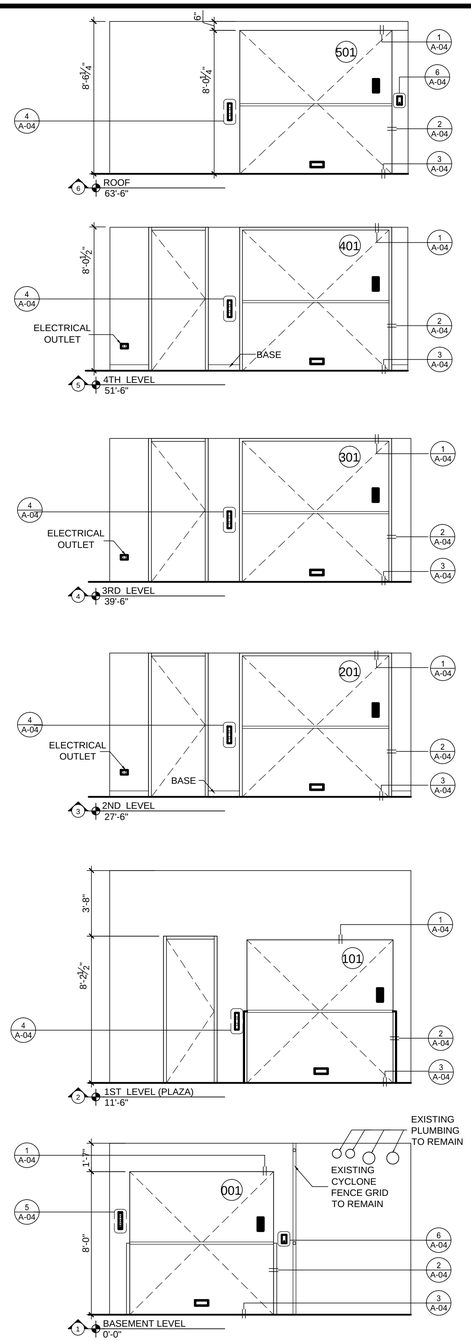
1 AD-01 PROPOSED ELEVATOR SHAFT ROOF PLAN

SCALE: 1/4"=1'-0"



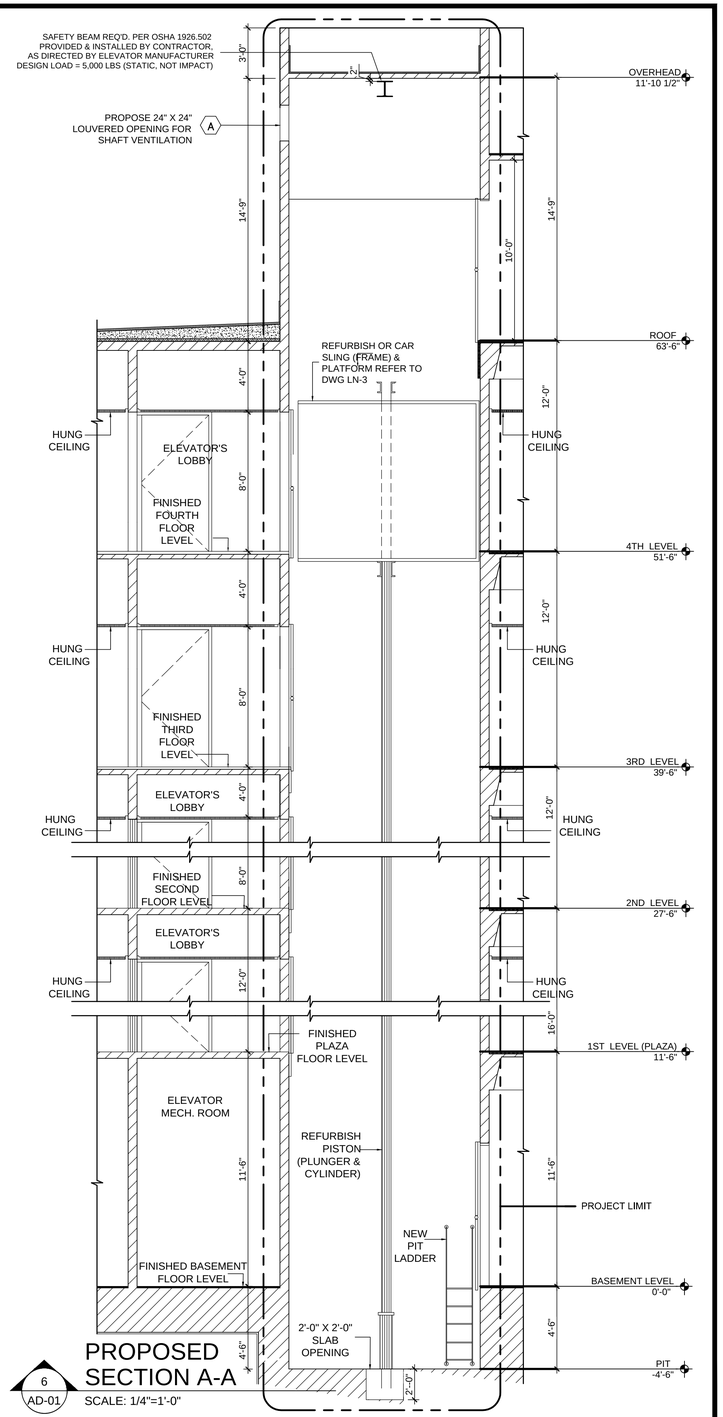
2 AD-01 PROPOSED 1ST, 2ND, 3RD, & 4TH LEVELS PLANS

SCALE: 1/4"=1'-0"



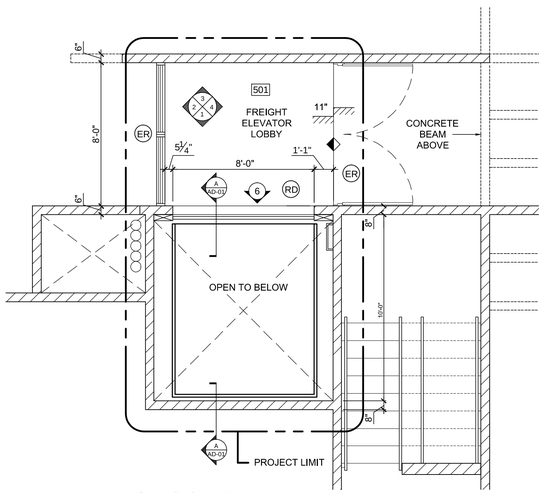
5 AD-01 PROPOSED ELEVATOR LOBBY ELEVATIONS

SCALE: 1/4"=1'-0"



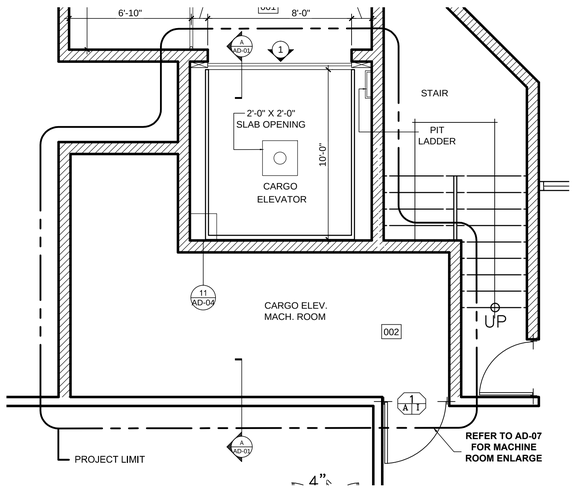
6 AD-01 PROPOSED SECTION A-A

SCALE: 1/4"=1'-0"



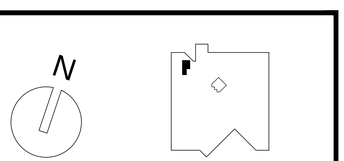
3 AD-01 PROPOSED ROOF LEVEL PLAN

SCALE: 1/4"=1'-0"



4 AD-01 PROPOSED FLOOR PLAN BASEMENT LEVEL PLAN

SCALE: 1/4"=1'-0"



KEY PLAN

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DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS

SAN JUAN, PUERTO RICO

CONSULTANT SEAL

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

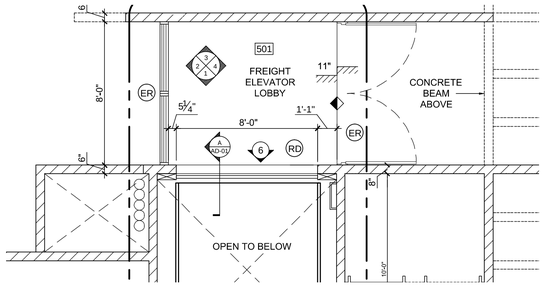
PROPOSED GENERAL PLANS, ELEVATIONS AND SECTIONS

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–01.DWG
PLOT SCALE	1:1
SCALE	1/4" = 1'–0"

SHEET NO.

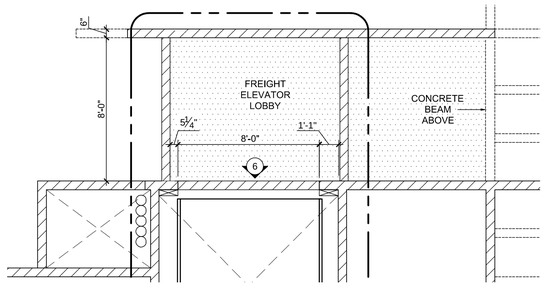
22-35 A-01

DRAWING NO.



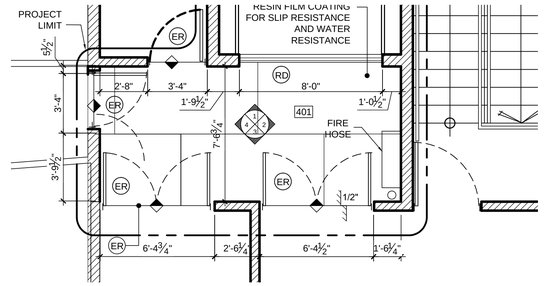
PROPOSED FLOOR PLAN ROOF LEVEL

1 AD-02 SCALE: 1/4"=1'-0"



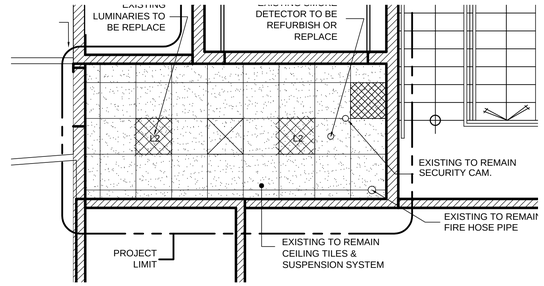
PROPOSED CEILING PLAN ROOF LEVEL

2 AD-02 SCALE: 1/4"=1'-0"



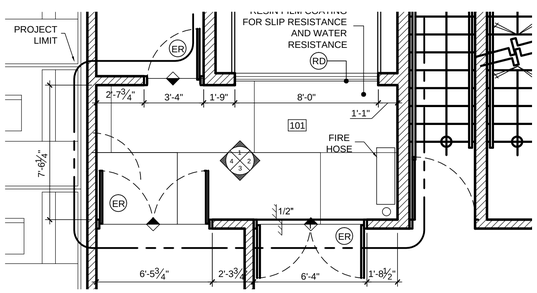
PROPOSED FLOOR PLAN 4TH FLOOR LEVEL

3 AD-02 SCALE: 1/4"=1'-0"



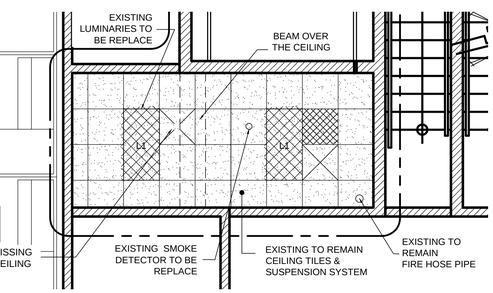
PROPOSED CEILING PLAN 4TH FLOOR LEVEL

4 AD-02 SCALE: 1/4"=1'-0"



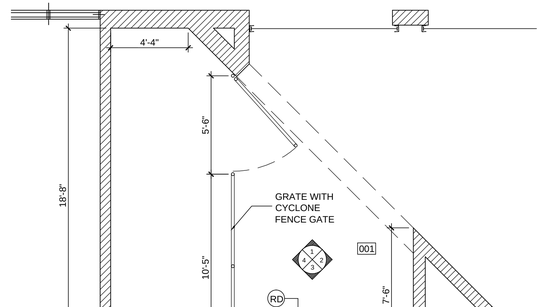
PROPOSED FLOOR PLAN 3RD FLOOR LEVEL

5 AD-02 SCALE: 1/4"=1'-0"



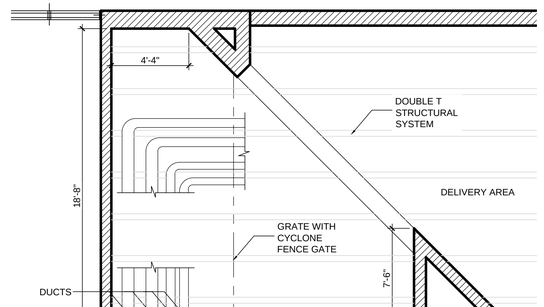
PROPOSED CEILING PLAN 3RD FLOOR LEVEL

6 AD-02 SCALE: 1/4"=1'-0"



PROPOSED FLOOR PLAN 2ND FLOOR LEVEL

7 AD-02 SCALE: 1/4"=1'-0"



PROPOSED CEILING PLAN 2ND FLOOR LEVEL

8 AD-02 SCALE: 1/4"=1'-0"

PROPOSED FLOOR PLAN 1ST FLOOR LEVEL

9 AD-02 SCALE: 1/4"=1'-0"

PROPOSED CEILING PLAN 1ST FLOOR LEVEL

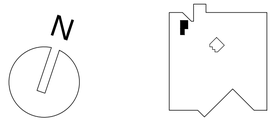
10 AD-02 SCALE: 1/4"=1'-0"

PROPOSED FLOOR PLAN BASEMENT LEVEL

11 AD-02 SCALE: 1/4"=1'-0"

PROPOSED CEILING PLAN BASEMENT LEVEL

12 AD-02 SCALE: 1/4"=1'-0"



KEY PLAN

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

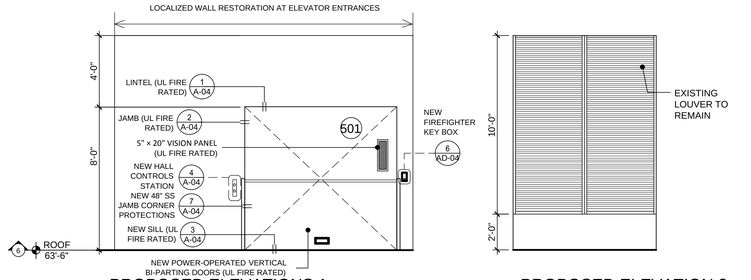
PROPOSED ELEVATOR LOBBY FLOOR AND CEILING PLANS

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–02.DWG
PLOT SCALE	1:1
SCALE	1/4" = 1'–0"

SHEET NO.

23-35 A-02

DRAWING NO.

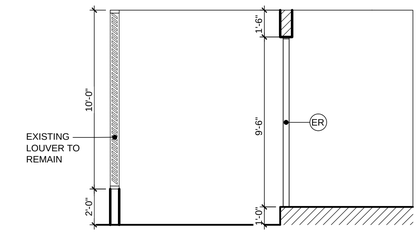


PROPOSED ELEVATIONS 1.
ROOF LEVEL

1 AD-03 SCALE: 1/4"=1'-0"

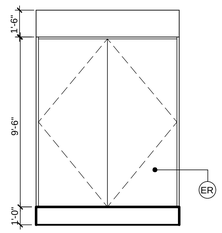
PROPOSED ELEVATION 2.
ROOF LEVEL

2 AD-03 SCALE: 1/4"=1'-0"



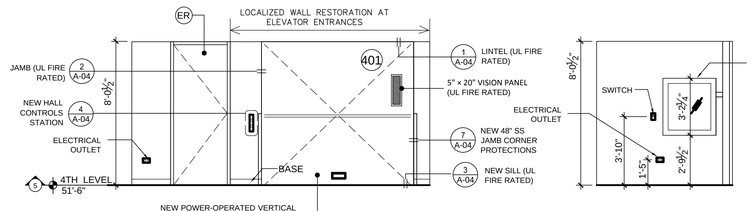
PROPOSED ELEVATIONS 3.
ROOF LEVEL

3 AD-03 SCALE: 1/4"=1'-0"



PROPOSED ELEVATIONS 4.
ROOF LEVEL

4 AD-03 SCALE: 1/4"=1'-0"

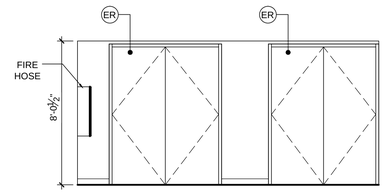


PROPOSED ELEVATIONS 1.
4TH LEVEL

5 AD-03 SCALE: 1/4"=1'-0"

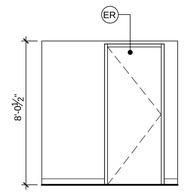
PROPOSED ELEVATIONS 2.
4TH LEVEL

6 AD-03 SCALE: 1/4"=1'-0"



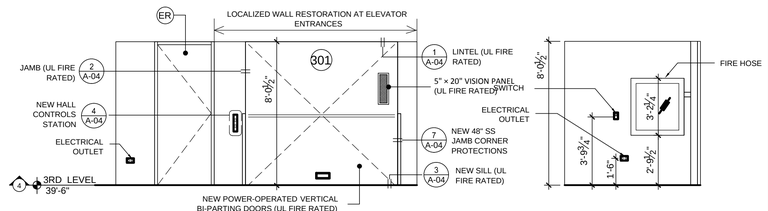
PROPOSED ELEVATIONS 3.
4TH LEVEL

7 AD-03 SCALE: 1/4"=1'-0"



PROPOSED ELEVATIONS 4.
4TH LEVEL

8 AD-03 SCALE: 1/4"=1'-0"

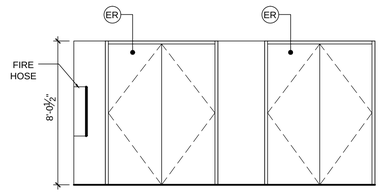


PROPOSED ELEVATIONS 1.
3RD LEVEL

9 AD-03 SCALE: 1/4"=1'-0"

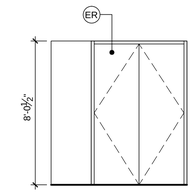
PROPOSED ELEVATIONS 2.
3RD LEVEL

10 AD-03 SCALE: 1/4"=1'-0"



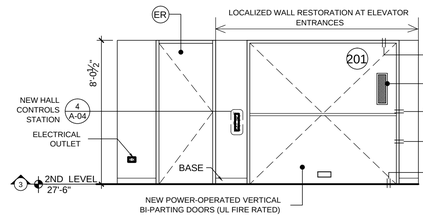
PROPOSED ELEVATIONS 3.
3RD LEVEL

11 AD-03 SCALE: 1/4"=1'-0"



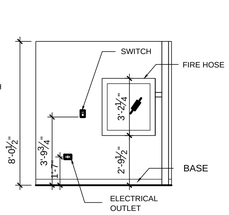
PROPOSED ELEVATIONS 4.
3RD LEVEL

12 AD-03 SCALE: 1/4"=1'-0"



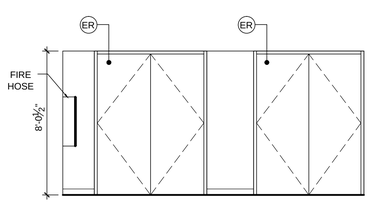
PROPOSED ELEVATIONS 1.
2ND LEVEL

13 AD-03 SCALE: 1/4"=1'-0"



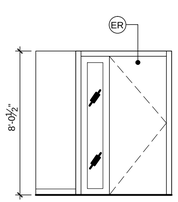
PROPOSED ELEVATIONS 2.
2ND LEVEL

14 AD-03 SCALE: 1/4"=1'-0"



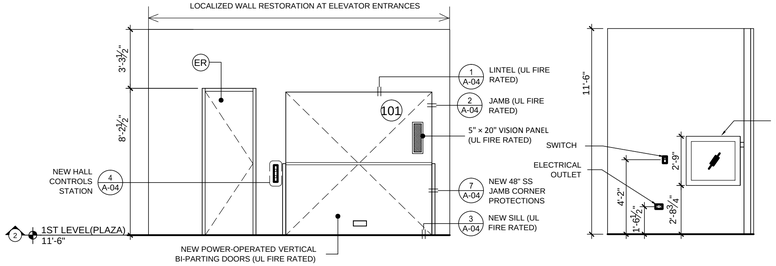
PROPOSED ELEVATIONS 3.
2ND LEVEL

15 AD-03 SCALE: 1/4"=1'-0"



PROPOSED ELEVATIONS 4.
2ND LEVEL

16 AD-03 SCALE: 1/4"=1'-0"

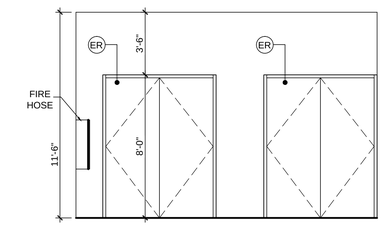


PROPOSED ELEVATIONS 1.
1ST LEVEL (PLAZA)

17 AD-03 SCALE: 1/4"=1'-0"

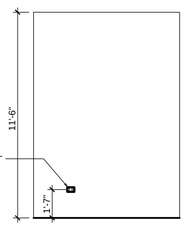
PROPOSED ELEVATIONS 2.
1ST LEVEL (PLAZA)

18 AD-03 SCALE: 1/4"=1'-0"



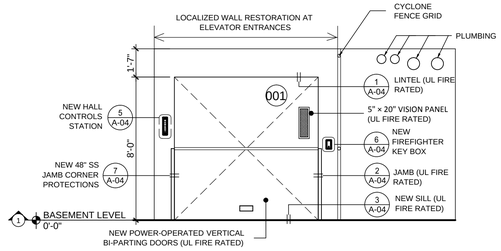
PROPOSED ELEVATIONS 3.
1ST LEVEL (PLAZA)

19 AD-03 SCALE: 1/4"=1'-0"



PROPOSED ELEVATIONS 4.
1ST LEVEL (PLAZA)

20 AD-03 SCALE: 1/4"=1'-0"



PROPOSED ELEVATIONS 1.
BASEMENT LEVEL

21 AD-03 SCALE: 1/4"=1'-0"

PROPOSED ELEVATIONS 2.
BASEMENT LEVEL

22 AD-03 SCALE: 1/4"=1'-0"

LEYEND

- ER — EXISTING DOORS TO REMAIN (TYP.)
- RD — REMOVE & DISPOSE EXISTING DOORS, FRAMES AND HARDWARE (TYP.)
- RR — EXISITNG DOORS TO REMOVE AND REUSE (TYP.)
- WALLS, DOORS, MODULAR & CABINETS DEMOLITION
- AREA TO BE IMPACTED

REFER TO REQUIREMENTS FOR CONSTRUCTION ON DWG LN-1 TO LN-4:
A. FREIGHT ELEVATOR DEMOLITION & CONSTRUCTION SCOPE OF WORK.
B. ENVIRONMENTAL PROTECTION DURING CONSTRUCTION.
C. PROTECT AND DON'T DISTURB ASBESTOS CONTAINING MATERIAL.
D. PROVIDE TEMPORARY BARRIERS & SECURITY DURING CONSTRUCTION.
E. PROVIDE TEMPORARY PUBLIC ACCESS THROUGH ELEVATOR LOBBY.

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CLIENT
DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.
CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

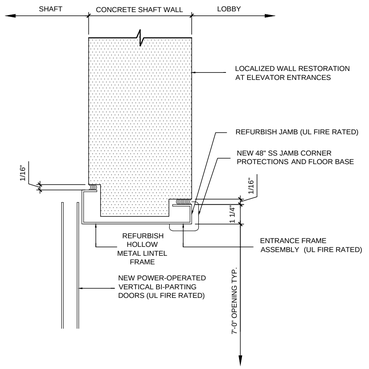
YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÓN APLIQUE]. SEGÓN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE
PROPOSED ELEVATOR LOBBY ELEVATIONS

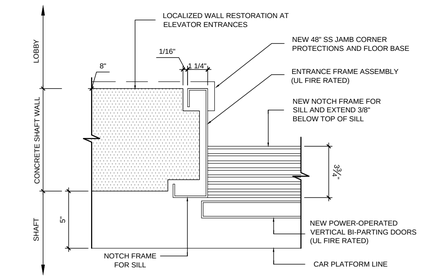
DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–03.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO.
24-35 A-03
DRAWING NO.



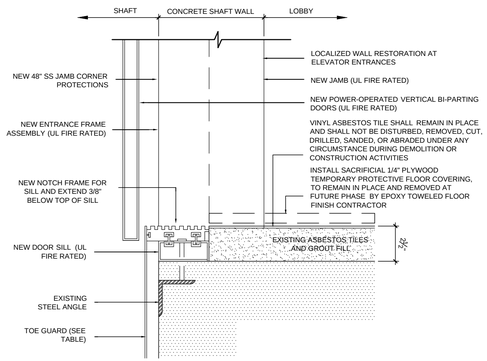
1 AD-04 **HEAD CONDITION - 3**

SCALE: 3"=1'-0"



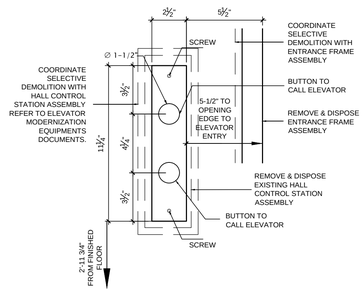
2 AD-04 **JAMB CONDITION - 6**

SCALE: 3"=1'-0"



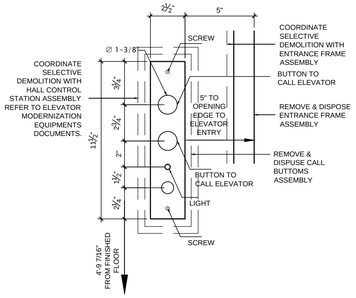
3 AD-04 **SILL CONDITION - 9**

SCALE: 3"=1'-0"



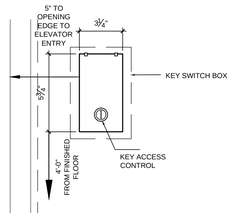
4 AD-04 **1ST - 4TH LEVELS ELEVATOR BUTTONS**

SCALE: 3"=1'-0"



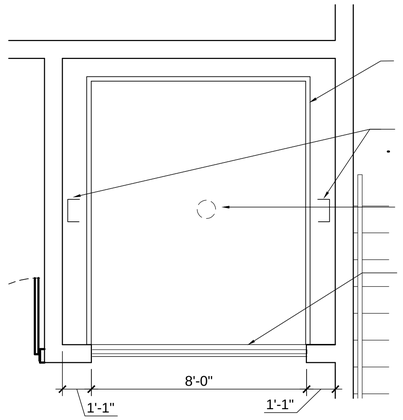
5 AD-04 **BASEMENT LEVEL ELEVATOR BUTTONS**

SCALE: 3"=1'-0"



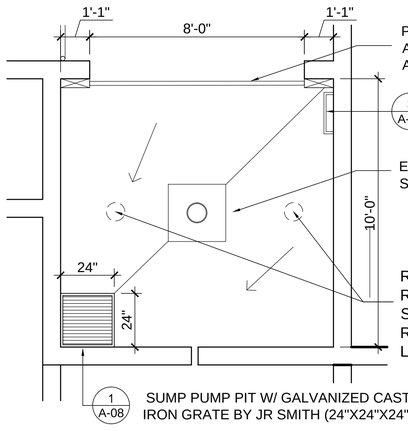
6 AD-04 **BASEMENT AND ROOF LEVEL KEY ACCESS CONTROL**

SCALE: 3"=1'-0"



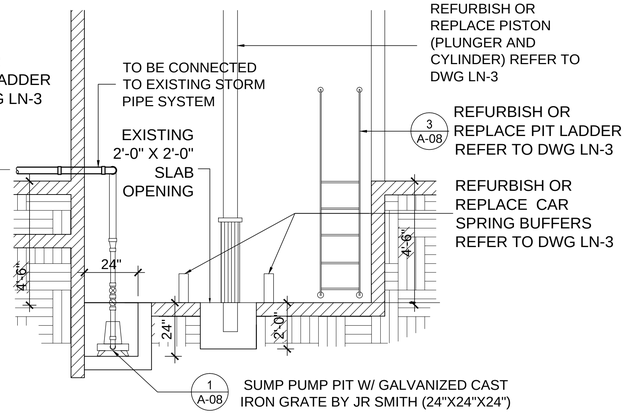
8 AD-04 **PROPOSED SHAFT PLAN 1ST, 2ND, ERD AND 4TH LEVELS**

SCALE: 3/8"=1'-0"



9 AD-04 **PROPOSED SHAFT PLAN BASEMENT (PIT)**

SCALE: 3/8"=1'-0"



12 AD-04 **PROPOSED SHAFT SECTION BASEMENT LEVEL (PIT)**

SCALE: 1/2"=1'-0"

ELEVATOR EQUIPMENT: HOISTWAY ENTRANCES		
1	HALL DOOR WIDTH	96 INCHES (2438 MM)
2	HALL DOOR HEIGHT	96 INCHES (2438 MM)
3	HALL DOOR TYPE	BI-PARTING, SINGLE-SPEED VERTICAL LIFT.
4	NUMBER OF OPENINGS	FOUR (4) FRONT AND TWO (2) REAR DOORS
5	F/R	FRONT (F) REAR (R)
6	FIRE-PROTECTION RATING	1-1/2 HOURS, WITH 30-MINUTE TEMPERATURE RISE OF 450 DEG F (250 DEG C)].
7	DOOR OPERATION	POWER OPERATED. HEAVY-DUTY, CLOSED-LOOP VVVF FREIGHT DOOR OPERATOR SUITABLE FOR VERTICAL BI-PARTING DOORS WITH COUNTERBALANCED PANELS. COURION LP-SERIES HEAVY-DUTY FREIGHT OPERATORS (LP25 CLASS) FOR VERTICAL SLIDE DOORS.
8	DOOR MATERIAL	REINFORCED 10-GAUGE GALVANIZED STEEL PRIMED AND POWDER-COATED COLOR: RAL 7005 MOUSE GREY
9	DOOR FRAME MATERIAL	REINFORCED 10-GAUGE GALVANIZED STEEL PRIMED AND POWDER-COATED COLOR: RAL 7005 MOUSE GREY
10	VISION PANEL	PROVIDE VISION PANEL IN HOISTWAY AND CAB DOORS: 5" × 20" MINIMUM, WITH FIRE-RATED, WIRE-LAMINATED GLASS RATED FOR 90 MINUTES PER UL 10B. INCLUDE STAINLESS STEEL VISION FRAME AND TAMPER-RESISTANT FASTENERS.
11	HALL FIXTURES	SATIN STAINLESS STEEL, NO. 4 FINISH.
12	ADDITIONAL REQUIREMENTS	PROVIDE DOOR-REOPENING DEVICE.
13	JAMB GUARDS	TWO (2) PER DOOR: 3/16" STAINLESS ANGLES, 4" × 4", TO 48" AFF (MIN), ANCHORED TO STRUCTURE.

NOTES ON PROPOSED NEW EQUIPMENT:
PARTS TO BE REFURBISH OR REPLACE (REFER TO DWG LN-3):
A. GUIDE RAILS AND SUPPORTS
B. PISTON (PLUNGER AND CYLINDER)
C. CAR SLING (FRAME) & PLATFORM
D. PIT LADDER
REMOVE AND REPLACE OF ALL OTHER ELEVATOR ELEMENTS.

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

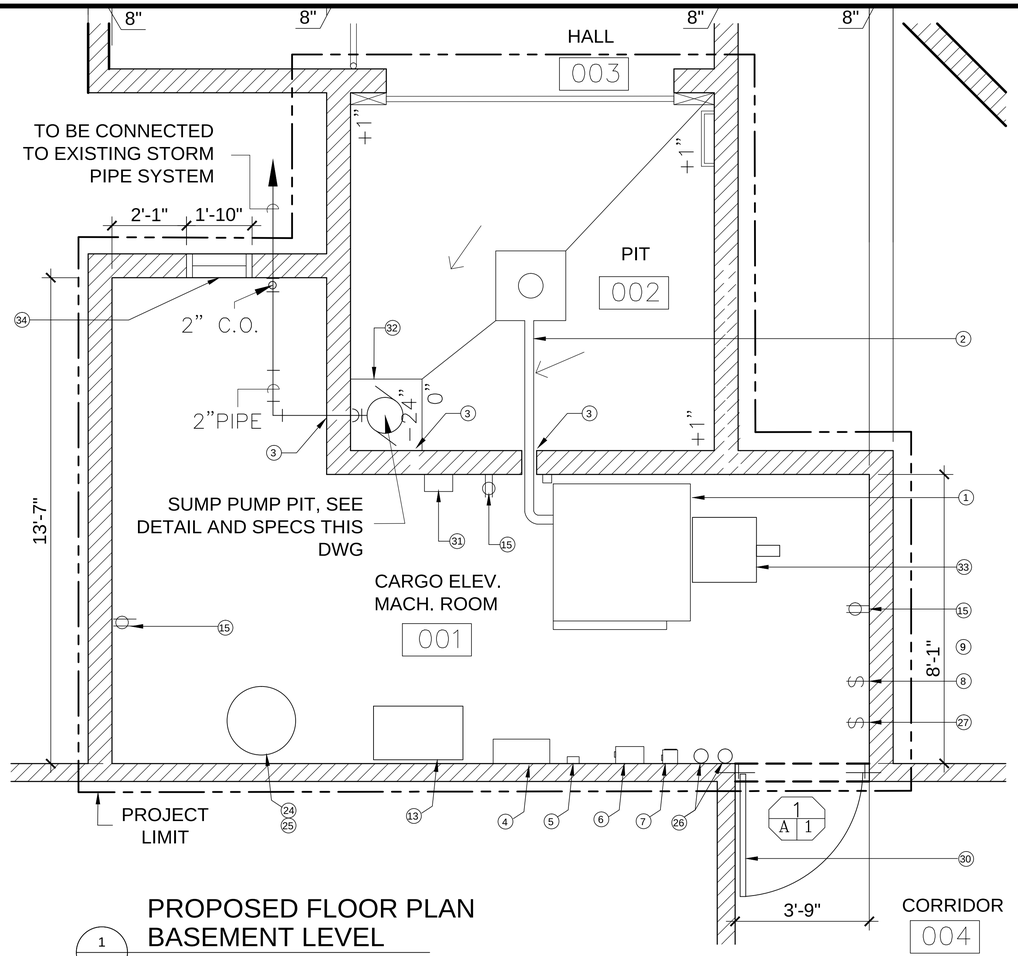
PROPOSED ELEVATOR LOBBYVDETAILS (DOOR, SILL, JAMS, HEADS AND BUTTONS)

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–04.DWG
PLOT SCALE	1:1
SCALE	3" = 1'–0"

SHEET NO.

25-35 A-04

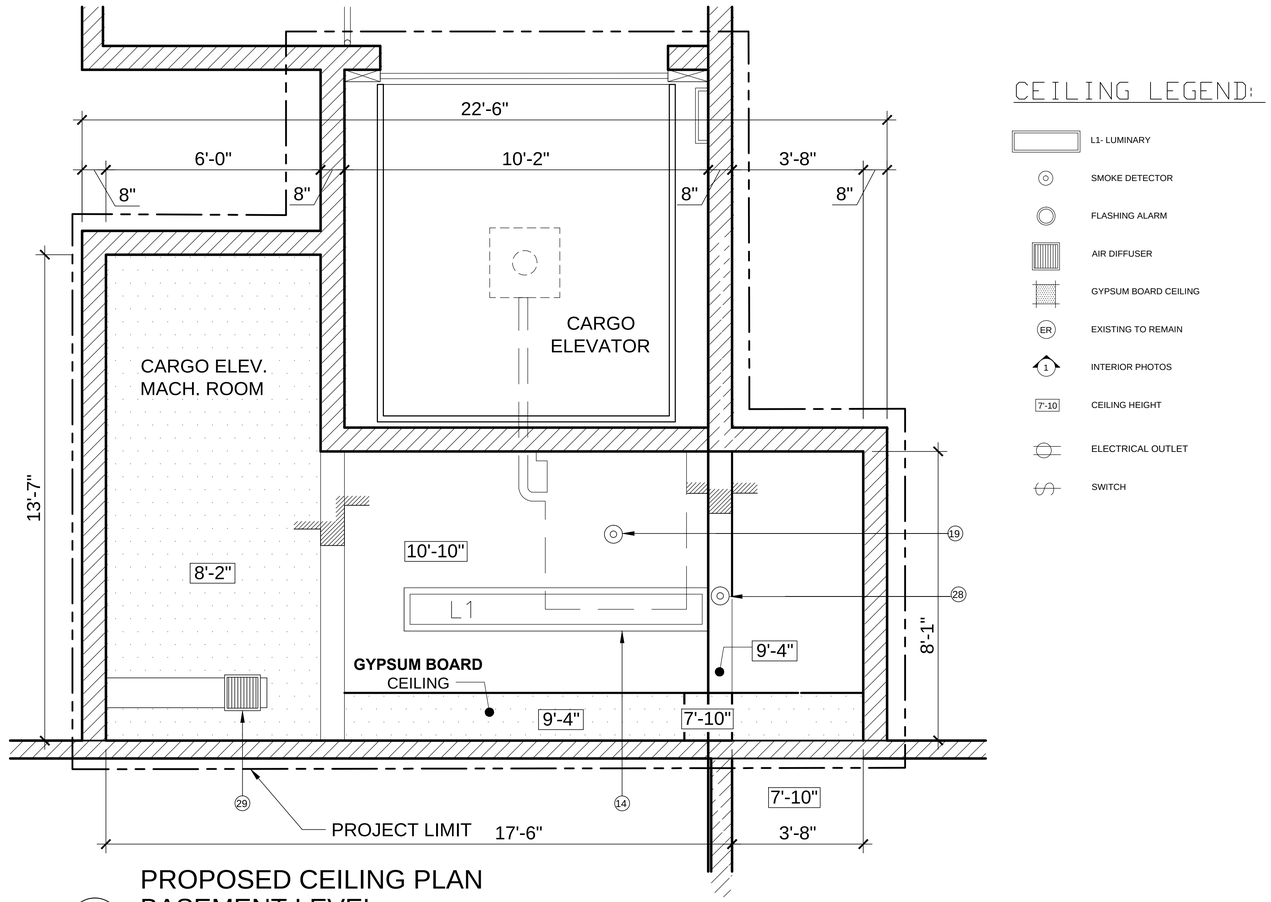
DRAWING NO.



PROPOSED FLOOR PLAN
BASEMENT LEVEL

1 / A-05

SCALE: 1/2" = 1'-0"



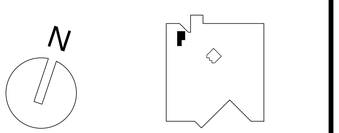
PROPOSED CEILING PLAN
BASEMENT LEVEL

2 / A-05

SCALE: 1/2"=1'-0"

CEILING LEGEND:

- L1- LUMINARY
- SMOKE DETECTOR
- FLASHING ALARM
- AIR DIFFUSER
- GYPSUM BOARD CEILING
- ER — EXISTING TO REMAIN
- 1 — INTERIOR PHOTOS
- 7'-10" — CEILING HEIGHT
- ELECTRICAL OUTLET
- SWITCH



KEY PLAN

PROPOSED NEW EQUIPMENT: ELEVATOR CONTROL & MACHINE ROOM

ITEM	DESCRIPTION	ACTION	SUPPLIER	REMARKS
1	HYDRAULIC SYSTEM ASSEMBLY (HYDRAULIC TANK WITH INTEGRATED PUMP AND CONTROL VALVE)	PROVIDE		HYDRAULIC FLUID PUMP ASSEMBLY, AC MOTOR, OIL CONTROL VALVES WITH DOWN SPEED REGULATOR, MUFFLER, ISOLATION PADS PIPING AND FITTINGS)
	- POWER UNIT	PROVIDE	EECO	*BELT DRIVE PUMP UNIT.*
	- CONTROL VALVE	PROVIDE	MAXTON	
	- HYDRAULIC SYSTEM STORAGE TANK	PROVIDE		MARKED GAUGE TO MONITOR HYDRAULIC FLUID LEVEL. +10 GALLONS CAPACITY.
	- PUMP RELIEF VALVE (PRV)	PROVIDE		SAFETY COMPONENTS. INSIDE HYDRAULIC PUMP UNIT)
	- OVERSPEED VALVE (OSV)	PROVIDE	MAXTON	SAFETY COMPONENTS INSTALLED DIRECTLY IN THE HYDRAULIC LINE LEADING TO THE JACK/CYLINDER.
	- OIL COOLER WITH TEMPERATURE CONTROLLER	PROVIDE	EECO / ZZIPCO	FAN-ASSISTED AIR-COOLED OIL COOLER WITH DIGITAL CONTROL FOR ENERGY EFFICIENCY AND REAL-TIME TEMPERATURE REGULATION
	- *AUTOMATIC LEAK DETECTION SENSORS*	PROVIDE		*OIL SENSORS TIED TO ALARM OR ELEVATOR CONTROL TO SHUT DOWN IN CASE OF MAJOR LEAK.*
	- SECONDARY SPILL (CONTAINMENT) PROTECTION	PROVIDE		*PREFABRICATED CONTAINMENT PANS STEEL PANS SIZED TO HOLD 110% OF THE TANK CAPACITY.*
	- SEISMIC ANCHORAGE/BRACING & PACKAGE.	PROVIDE		*VIBRATION ISOLATORS & RESTRAINTS FOR PIPING, TANK POWER UNIT, CONTROLLER.*
2	HYDRAULIC OIL LINES SUPPLY PIPING	PROVIDE		PIPE AND FITTINGS MUST BE MINIMUM SCHEDULE 80 BLACK STEEL WITH THREADED, FLANGED, OR WELDED MECHANICAL COUPLINGS.
3	SLEEVE FOR HYDRAULIC LINE PASS	PROVIDE		INSTALL HYDRAULIC PIPING THRU SLEEVE WITH SNUG FITTING INNER LINER OF FIRE RATED INSULATION
4	ELEVATOR CONTROLLER UNIT	PROVIDE	ELEVATOR CONTROLS	REMOVE EXISTING AND PROVIDE NEW UL/CSA LABELED CONTROLLER (NEMA TYPE 1 GENERAL PURPOSE ENCLOSURE)
5	ELEVATOR CONTROL PANEL (CONTROLLER CABINET)	PROVIDE		
6	MAINTENANCE MONITOR TERMINAL (MMT) (CONTROLLER CABINET)	PROVIDE		
7	DUPLEX ELECTRICAL RECEPTACLE FOR ELEVATOR CONTROLLER UNIT	PROVIDE		
8	MAIN LINE DISCONNECT SWITCH	PROVIDE		MANUALLY OPERATED, FUSED SHUNT TRIP CIRCUIT BREAKER FOR EACH CONTROLLER, LOCKABLE IN THE "OFF" POSITION, STRIKE SIDE OF DOOR. SHALL BE LOCATED WITHIN 610 MM (24 INCHES) OF THE OPEN SIDE OF THE MACHINE ROOM ACCESS DOOR. MINIMUM CLEAR WORKING SPACE OF 36 INCHES (914 MM) IN FRONT OF THE SWITCH

PROPOSED NEW EQUIPMENT: ELEVATOR CONTROL & MACHINE ROOM

ITEM	DESCRIPTION	ACTION	SUPPLIER	REMARKS
9	SHUT TRIP DISCONNECT (EMERGENCY POWER DISCONNECT SWITCH)	PROVIDE		OPERATION: FIRE ALARM SYSTEM (VIA HEAT/SMOKE DETECTORS), MANUAL ACTIVATION (FIREFIGHTER SWITCH), ELEVATOR CONTROLLER FAULT
10	EMERGENCY STOP SWITCH (1 TO 4)	PROVIDE		PROVIDE AN EMERGENCY STOP SWITCH, PUSH TO STOP/PULL TO RUN. OPERABLE WITHOUT OPENING ELECTRICAL PANELS, EACH STOP SWITCH MUST BE RED IN COLOR AND MUST HAVE "STOP" AND "RUN" POSITIONS LEGIBLY AND INDELIBLY IDENTIFIED.
11	SURGE PROTECTORS (SURGE SUPPRESSORS)	PROVIDE		SURGE PROTECTORS TO PROTECT THE ELEVATOR EQUIPMENT CONNECTED TO FIRE ALARM AUTOMATIC SYSTEM.
12	3" SLEEVE FOR ELECTRICAL LINE PASS	PROVIDE		INSTALL HYDRAULIC PIPING THRU SLEEVE WITH SNUG FITTING INNER LINER OF FIRE RATED INSULATION
13	TOOL CABINET	PROVIDE		PROVIDE A METAL PARTS/TOOL CABINET, HAVING TWO SHELVES AND HINGED DOORS. CABINET MUST BE 48 IN HIGH, 30 IN WIDE AND 18 IN DEEP.
14	LIGHTING FIXTURE LAMP (LED)	PROVIDE		MIN. 19 FC (204 LUX) AT FLOOR. LIGHT LED GUARDED TYPE, VAPOR TIGHT ENCLOSURES AND SWITCH WITHIN 18" OF LOCK-SIDE OF JAMB.
15	ELECTRIC OUTLETS GFCI	PROVIDE		20A DEDICATED CIRCUIT AS REQUIRED
16	FIRE DEPARTMENT KEY BOX	PROVIDE		
17	WIRING AND CONDUITS	PROVIDE		REMOVE AND REPLACE ALL EXISTING HOISTWAY AND MACHINE ROOM ELECTRICAL WIRING ASSOCIATED WITH THE ELEVATOR SYSTEM, INCLUDING BUT NOT LIMITED TO POWER FEEDERS, TRAVELING CABLES, SIGNAL WIRING, CONTROL WIRING, AND GROUNDING CONDUCTORS.
18	ELEVATOR EQUIPMENT ROOM PANEL	PROVIDE		
19	CEILING HEAT AND SMOKE DETECTOR	PROVIDE		SHUTS DOWN POWER TO THE ELEVATOR TO PREVENT DAMAGE AND UNSAFE OPERATION. CONNECTED WITH CENTRAL FIRE ALARM SYSTEM
20	AUTOMATIC POWER SHUTOFF	PROVIDE		CUTS ELEVATOR POWER IF STRONG SEISMIC ACTIVITY IS DETECTED.
21	PIPE RUPTURE VALVE (PRV)	PROVIDE	EECO	
22	SEISMIC SWITCH (EARTHQUAKE DETECTION SENSOR)	PROVIDE		PHASE I RECALL AND POWER INTERRUPTION TO THE DRIVE/PUMP AS REQUIRED BY A17.1. PROVIDE SELF-MONITORING AND TEST FUNCTION; COORDINATE SETPOINT AND LOCATION WITH THE STRUCTURAL ENGINEER.
23	ISOLATORS AND SEISMIC RESTRAINTS	PROVIDE		HYDRAULIC EQUIPMENT MOUNTED ON VIBRATION ISOLATORS WITH SEISMIC RESTRAINTS.

PROPOSED NEW EQUIPMENT: ELEVATOR CONTROL & MACHINE ROOM

ITEM	DESCRIPTION	ACTION	SUPPLIER	REMARKS
24	EPAS OIL AND FUEL SPILL KIT	PROVIDE		SKO-95W, OIL ONLY 95-GALLON KIT WITH WHEELS BY BRADY
25	PIT WATER CONTAINER	PROVIDE		ONE (1) STEEL 55-GALLON BARREL WITH COVER, PUCEL™ LBR-909H LOW DRUM DOLLY TRUCK WITH HINGED HANDLE - ORANGE
26	FIRE EXTINGUISHERS	PROVIDE		PROVIDE TWO (2) EXTINGUISHERS: ONE (1) 20-POUND CLASS A-B-C FIRE EXTINGUISHER AND ONE (1) 10-POUND PURPLE K CLASS B-C FIRE EXTINGUISHER
27	LIGHTING FIXTURE SWITCH	PROVIDE		PROVIDE MANUAL WALL SWITCH AT EACH MACHINE-ROOM ENTRANCE AND A KEYED SERVICE/BYPASS SWITCH TO MAINTAIN LIGHTS ON DURING SERVICE.
28	OCCUPANCY SENSOR	PROVIDE		PROVIDE CEILING-MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR (PIR + ULTRASONIC) CONTROLLING LUMINAIRES VIA A LISTED LIGHTING POWER PACK/RELAY.
29	EXTRACTION DUCT AND VENT	TO REMAIN		200 CFM, 10 X 10 REGISTER, DUCT 10 X 6
30	FIRE RATED STEEL DOOR SELF-CLOSE/LOCK	PROVIDE		MATCH EXISTING DOOR OPENING 44" X 86", FIRE RATE 1.5HR (DOOR AND FRAMES), SELF CLOSING, KEYED & OPENED FROM THE INSIDE WITHOUT A KEY.
31	OIL MINDER AND PUMP	PROVIDE	STANCOR	STANCOR SIMPLEX MULTI-OPTION OIL-MINDER® SYSTEM WITH STANCOR SE-100 PUMP 115V 1HP
32	SUMP WITH HD COVER	PROVIDE		24" X 24" X 24" FORMED SUMP BOX WITH EPOXY-DOWELLED REINFORCING, 4,000 PSI CONCRETE, INTEGRAL CRYSTALLINE WATERPROOFING, AND PVC WATERSTOP AT COLD JOINTS, PLUS NEGATIVE-SIDE WATERPROOF COATING ON EXPOSED CONCRETE WITH HD CAST IRON BY JR SMITH.
33	AIR OIL COOLER	PROVIDE		AIR OIL COOLER - ZZIPCO AIR OIL COOLER (PART NO NETHYW06M2TF00)
34	WALL LOUVER WITH COMBINATION FIRE/SMOKE DAMPER	PROVIDE		MAKE-UP AIR AT MACHINE ROOM (200 CFM); PROVIDE 18"×18" WALL OPENING WITH INTERIOR FIXED-BLADE GRILLE, UL-LISTED COMBINATION FIRE/SMOKE DAMPER (FAIL-CLOSED, MOTORIZED) INTERLOCKED TO THE 200 CFM EXHAUST FAN (DAMPER PROOF-OPEN START; CLOSE ON FAP/POWER LOSS). FREE AREA ≥1.0 FT² (≈200 FPM). DO NOT OPEN TO CORRIDOR WITHOUT AHJ APPROVAL. FIRESTOP PER LISTED SYSTEM; COORDINATE POWER/CONTROLS WITH DIVISION 26/28.

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DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS

SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÓN APLIQUE]. SEGÓN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

A	2024–01–26	SCHEMATIC	CR

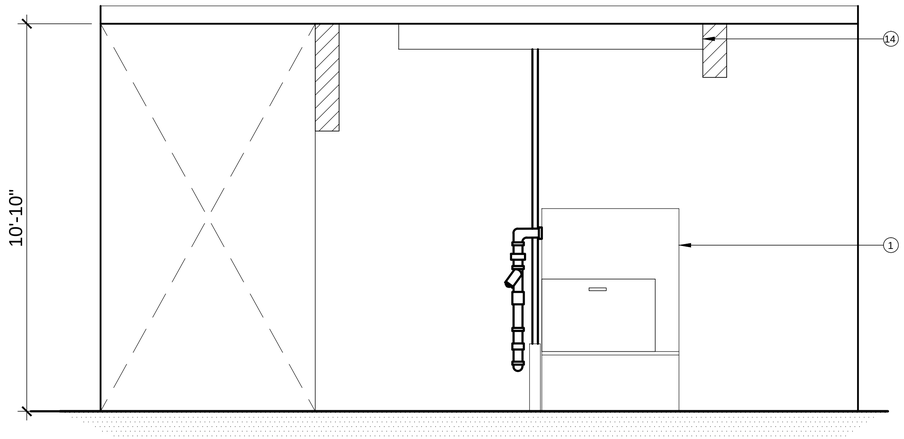
PROPOSED MACHINE ROOM ENLARGUE FLOOR AND CEILING PLAN

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–05.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO.

26-35 A-05

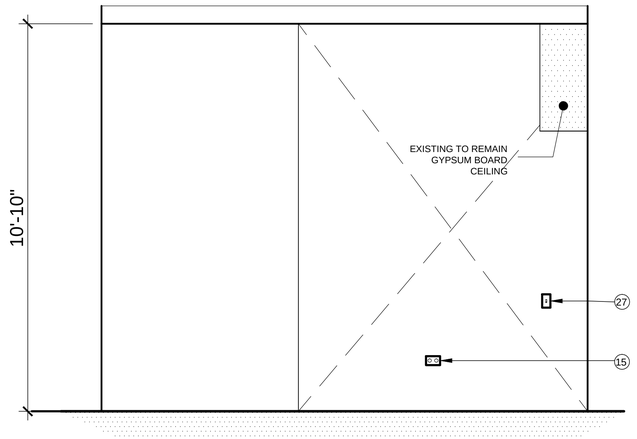
DRAWING NO.



PROPOSED ELEVATION 1.
MACHINE ROOM

1 / A-06

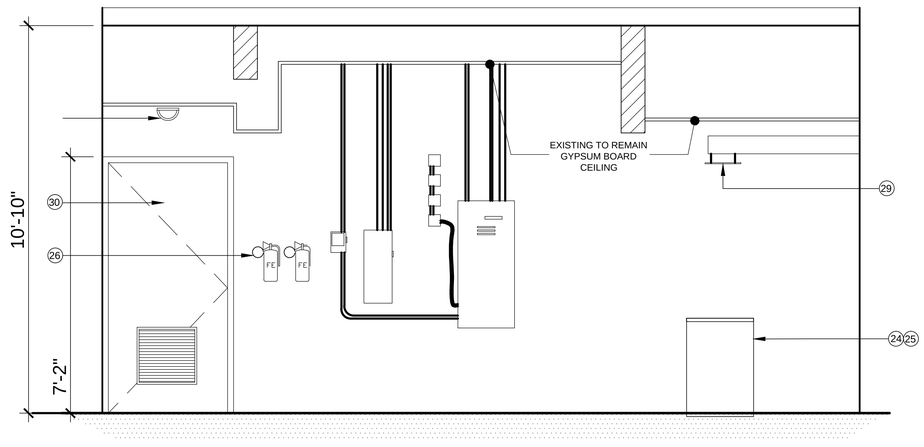
SCALE: 1/2"=1'-0"



PROPOSED ELEVATION 2.
MACHINE ROOM

2 / A-06

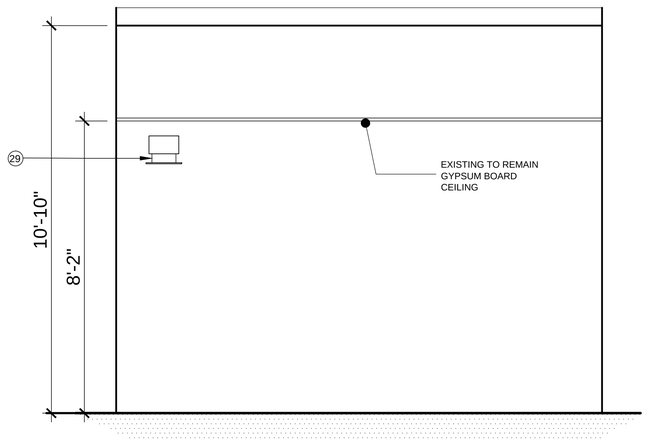
SCALE: 1/2"=1'-0"



PROPOSED ELEVATION 3.
MACHINE ROOM

3 / A-06

SCALE: 1/2"=1'-0"



PROPOSED ELEVATION 4.
MACHINE ROOM

4 / A-06

SCALE: 1/2"=1'-0"

MACHINE ROOM COORDINATION (SHOP DRAWINGS) – SUBMITTAL REQUIREMENT

CONTRACTOR SHALL PREPARE COORDINATED SHOP DRAWINGS FOR THE ELEVATOR MACHINE ROOM SHOWING THE PROPOSED LOCATION OF ALL EQUIPMENT AND RACEWAYS AND SHALL OBTAIN ARCHITECT'S REVIEW AND APPROVAL PRIOR TO ANY ROUGH-IN, FABRICATION, OR INSTALLATION.

MINIMUM CONTENT (ALL ITEMS REQUIRED):

1. SCALED PLAN (≥ 1/4" = 1'-0"), INTERIOR ELEVATIONS OF ALL WALLS, AND AT LEAST TWO SECTIONS; FIELD-VERIFIED DIMENSIONS.

2. LOCATIONS, SIZES, AND CLEARANCES FOR: HYDRAULIC POWER UNIT/RESERVOIR, CONTROLLER CABINET(S), MAIN LINE/CAR LIGHT & CAR POWER DISCONNECTS, SEISMIC SWITCH, FA DEVICES, LIGHTING/EM LIGHTING, RECEPTACLES (GFCI WHERE REQUIRED), SUMP PIT/PUMP WITH OIL-SENSING CONTROL, HVAC/VENTILATION EQUIPMENT AND TERMINATIONS, COMMUNICATIONS/TELEPHONE, CONDUIT/CABLE TRAY ROUTING AND SUPPORTS, SLEEVES/PENETRATIONS, HOUSEKEEPING PADS/ANCHORS, SIGNAGE, AND SERVICE WORK SURFACES.

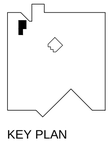
3. CODE CLEARANCES AND ACCESS GRAPHICALLY INDICATED: ASME A17.1 §§2.7/2.8 (MACHINE/CONTROL SPACE), NEC 110.26 WORKING CLEARANCES AND DEDICATED ELECTRICAL SPACE, DOOR SWING/EGRESS AISLE, MINIMUM HEADROOM, AND MANUFACTURER-REQUIRED SERVICE ACCESS.

4. CONDUIT/CIRCUIT SCHEDULE WITH CONDUIT SIZES, CONDUCTOR SIZES, IDENTIFICATION OF SOURCE PANELS, LOAD DATA, AND HEAT-REJECTION/BTU INFORMATION FOR EQUIPMENT (FOR MEP COORDINATION).

5. FIRE/SMOKE RATED PENETRATIONS AND LISTED FIRESTOP SYSTEMS (UL DETAILS) AT WALLS, FLOOR, AND CEILING; SEALANTS/GROMMETS AT PIT COVER PENETRATIONS.

6. DRAIN/DISCHARGE ROUTING FOR SUMP TO APPROVED RECEPTOR (NO OIL TO SANITARY), CHECK VALVE/UNION LOCATION, AND CONTROL PANEL NEMA RATING.

7. WEIGHT/POINT LOADS OF MAJOR EQUIPMENT FOR STRUCTURE; SOUND/VIBRATION ISOLATION DETAILS WHERE USED.



KEY PLAN

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PRIDCO HEADQUARTERS

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CONSULTANT SEAL

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

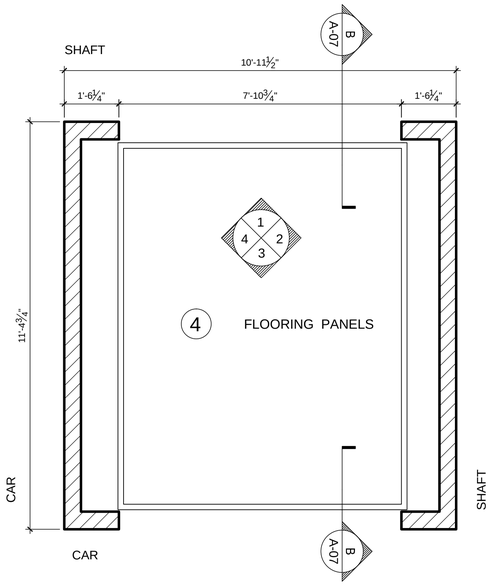
PROPOSED INTERIOR ELEVATIONS
MACHINE ROOM

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–06.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO.

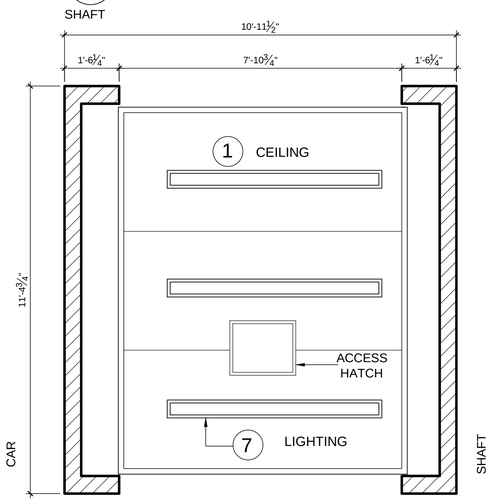
27-35 A-06

DRAWING NO.



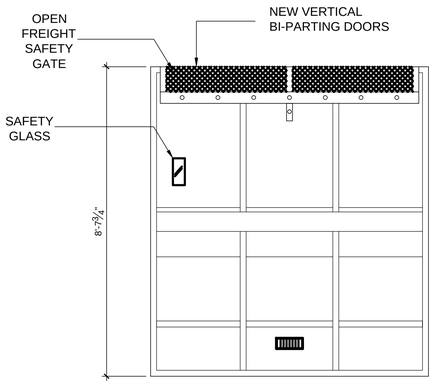
PROPOSED CAR PLAN
CARGO ELEVATOR

1 A-07 SCALE: 1/2"=1'-0"



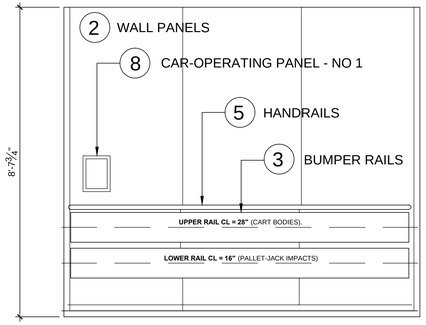
PROPOSED CAR CEILING PLAN
CARGO ELEVATOR

3 A-07 SCALE: 1/2"=1'-0"



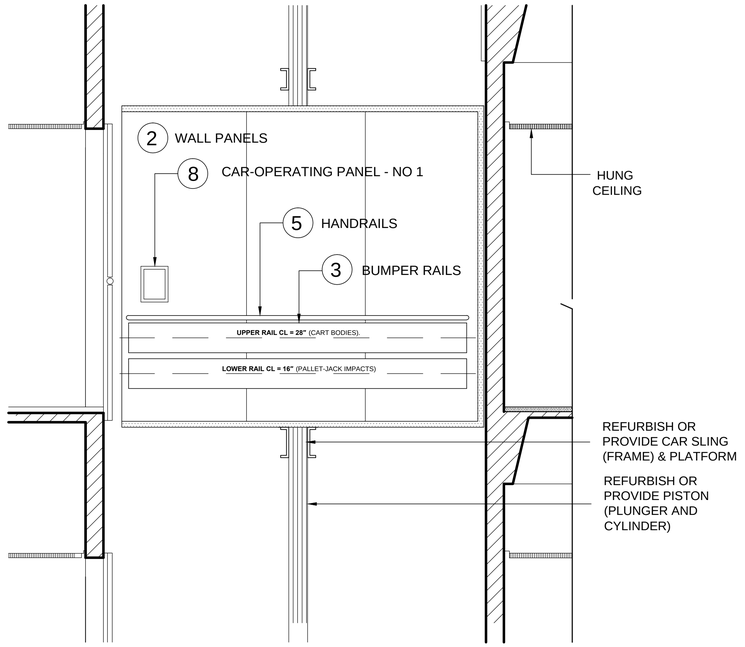
PROPOSED CAR ELEVATION 1.
CARGO ELEVATOR

4 A-07 SCALE: 1/2"=1'-0"



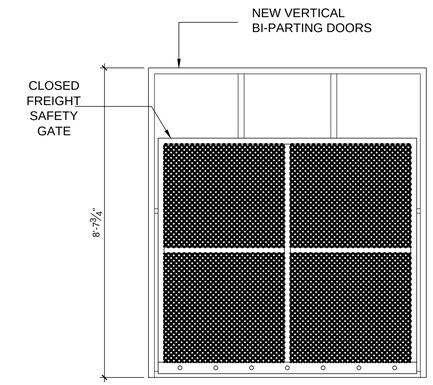
PROPOSED CAR ELEVATION 2.
CARGO ELEVATOR

5 A-07 SCALE: 1/2"=1'-0"



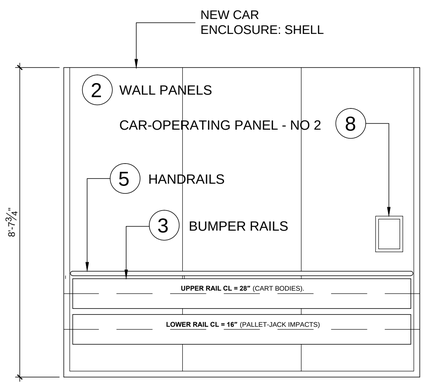
PROPOSED SHAFT SECTION
CARGO ELEVATOR

8 A-07 SCALE: 1/2"=1'-0"



PROPOSED CAR ELEVATION 3.
CARGO ELEVATOR

6 A-07 SCALE: 1/2"=1'-0"



PROPOSED CAR ELEVATION 4.
CARGO ELEVATOR

7 A-07 SCALE: 1/2"=1'-0"

PAINTING OF GALVANIZED STEEL WALLS AND CEILING INTERIOR PANELS ELEVATOR CAR:

SCOPE: APPLY PROTECTIVE AND DECORATIVE PAINT COATING SYSTEM ON INTERIOR GALVANIZED STEEL WALL AND CEILING SURFACES, INCLUDING ELEVATOR ENCLOSURES, PARTITIONS, AND MECHANICAL AREAS.

SURFACE PREPARATION: - SURFACES MUST BE CLEAN, DRY, AND FREE OF MILL OIL, DIRT, AND OXIDATION. - USE DETERGENT WASH FOLLOWED BY FRESH WATER RINSE (SSPC-SP1 SOLVENT CLEANING). - LIGHTLY ABRADE SURFACE WITH NON-METALLIC ABRASIVE PAD OR ETCH WITH APPROVED MILD ACID SOLUTION (E.G., PHOSPHORIC ACID WASH) TO ENSURE ADHESION. - RINSE THOROUGHLY AND DRY BEFORE PRIMING.

PRIMER APPLICATION: - **TYPE:** GALVANIZED METAL PRIMER, EPOXY-ASED, COMPATIBLE WITH TOPCOAT. **APPROVED PRIMERS:** SHERWIN-WILLIAMS PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER - B66-310 Series, **DRY FILM THICKNESS:** AS PER MANUFACTURER (TYPICALLY 2.0-3.0 MILS DFT) - APPLY ONE CONTINUOUS COAT BY SPRAY, BRUSH, OR ROLLER.

TOPCOAT APPLICATION: - **TYPE:** EPOXY ENAMEL FOR INSTITUTIONAL INTERIOR USE. Pro Industrial™ Water Based Catalyzed Epoxy Eg-Shel, B73-360 Series, **FINISH:** SEMI-GLOSS OR EGGSHELL (UNLESS SPECIFIED OTHERWISE) - **COLOR:** AS SELECTED BY ARCHITECT - **DRY FILM THICKNESS:** 2.0-4.0 MILS DFT PER COAT - APPLY TWO COATS OVER PRIMER, WITH MINIMUM 12 HOURS BETWEEN COATS.

PROPOSED NEW EQUIPMENT: CAR

ITEM	DESCRIPTION	ACTION	REMARKS
1	CEILING	PROVIDE	REINFORCED 10-GAUGE GALVANIZED STEEL PRIMED AND POWDER-COATED WITH LOCKABLE, HINGED EMERGENCY EXIT. PREFINISHED, PRIME-PAINTED STEEL, COLOR: RAL 7005 MOUSE GREY
2	WALL PANELS	PROVIDE	REINFORCED 10-GAUGE GALVANIZED STEEL PRIMED AND POWDER-COATED, PRE-FINISHED, PRIME-PAINTED STEEL, COLOR: RAL 7005 MOUSE GREY
3	BUMPER RAILS	PROVIDE	PROVIDE TWO SIDES (LEFT AND RIGHT), TWO (2) BUMPER RAILS WITH STAINLESS\ STEEL REVOLVING HANDRAILS. PROVIDE CONTINUOUS HORIZONTAL WALL BUMPERS ON SIDE WALLS, 10" HIGH, MOUNTED WITH THE BOTTOM EDGE 6" ABOVE FINISHED FLOOR. MATERIAL TO BE BLACK RUBBER OR UHMW PLASTIC, 1.5" THICK, SECURED WITH STAINLESS STEEL HARDWARE. BOTH RAILS CONTINUOUS ON BOTH SIDEWALLS (9'-8"). TERMINATE 2" CLEAR OF CORNER GUARDS AND 3" CLEAR OF THE DOOR OPENING. TYPE: UHMW-PE RAILS ¾" × 8", COLOR BLACK OR NATURAL, REPLACEABLE. BACKER: CONTINUOUS 12 GA STAINLESS CHANNEL, CONCEALED FASTENERS TO CAR FRAMING ≤ 16" O.C. *HEIGHTS (AFF):* **LOWER RAIL CL = 16"** (PALLET-JACK IMPACTS), **UPPER RAIL CL = 28"** (CART BODIES).
4	FLOORING PANELS	PROVIDE	PROVIDE ELEVATOR CAR FLOOR CONSTRUCTED OF 3/16 IN (5 MM) HOT-ROLLED STEEL DIAMOND PLATE, CONTINUOUSLY WELDED TO PLATFORM FRAME. FACTORY-PRIMED WITH URETHANE/EPOXY TOPCOAT FLOORING SHALL BE SLIP-RESISTANT, ABLE TO WITHSTAND STATIC AND DYNAMIC FREIGHT LOADS UP TO RATED ELEVATOR CAPACITY. EDGES SEALED TO PREVENT MOISTURE INTRUSION AND CORROSION; IN TWO PLATES, PERIMETER ANGLE CONTINUOUS. 5-KIP WHEEL LOAD (WITH 1.25 IMPACT FACTOR).
5	HANDRAILS	PROVIDE	PROVIDE TWO SIDES (LEFT AND RIGHT): 1½" Ø SS TUBE **12 GA**, MOUNTED 34-36" AFF, 1½" WALL CLEARANCE, ENDS RETURNED
6	OCCUPANCY SENSOR	PROVIDE	PROVIDE CEILING-MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR (PIR + ULTRASONIC) CONTROLLING LUMINAIRES VIA A LISTED LIGHTING POWER PACK/RELAY.
7	LIGHTING	PROVIDE	THREE (3) 48-INCH (1219-MM), FLUSH MOUNTED, 2-TUBE LED LIGHT FIXTURE(S) WITH UV STABILIZED ACRYLIC DIFFUSERS NOT LESS THAN 0.125 INCH (3.2 MM) THICK. PROVIDE AN EMERGENCY POWER PACK UNIT.
8	CAR-OPERATING PANEL	PROVIDE	FRONT (F) AND REAR (R), TWO (2) VANDAL RESISTANT CAR-OPERATING PANELS THAT CONTAINS OPERATION CONTROLS AND COMMUNICATION DEVICES
9	TOE GUARD	PROVIDE	MINIMUM 14-GAUGE STEEL, REINFORCED AND BRACED TO CAR PLATFORM WITH PROVIDER'S STANDARD FINISH. SHALL EXTEND A MINIMUM 48 INCH BELOW THE SILL.
10	CAR SILL	PROVIDE	RATED FOR ≥5 KIPS PER WHEEL; TRANSITION FLUSH (BEVEL ONLY IF >¼").
11	CAR GATE	PROVIDE	BI-PARTING, SINGLE-SPEED VERTICAL LIFT. POWER OPERATED. STEEL PRIMED AND POWDER-COATED, COLOR: RAL 7005 MOUSE GREY

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

PROPOSED ELEVATOR ENLARGE
CAR PLANS, ELEVATIONS AND SECTIONS

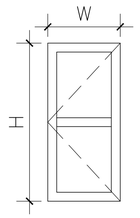
DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–A–07.DWG
PLOT SCALE	1:1
SCALE	1/2" = 1'–0"

SHEET NO.
28-35 A-07
DRAWING NO.

DOOR SCHEDULE

MK'D	TYPE	MATERIAL	THICKNESS	DOOR OPENING H	DOOR OPENING W	DOOR SIZE H	DOOR SIZE W	CORE 1.5 HR FIRE RATED	JAMB TYPE 1.5 HR FIRE RATED	THRES-HOLD DET. 1 ON SHT. A-25	FINISH FACTORY PAINT FINISH	REMARKS
												NOTE: 1. 2.
1	A	FLUSH METAL DOOR	1 3/4"	8'-0"	6'-9"	7'-10"	2'-3'-0"	●	●	●	●	SERIES 300, H SET # 01

DOOR TYPES



TYPE "A"
MECH ROOM DOOR

EXTERIOR DOORS AND FRAMES NOTES:

MK'D-1

1. EXTERIOR DOORS TO BE 300 SERIES,
- 1 3/4" EXTRA HEAVY-DUTY DOORS
- 16 GA. ELECTRO-ZINC. COATED TUBULAR STEEL CONSTRUCTION WITH 5-1/2" TOP RAIL AND STILES AND 8" BOTTOM RAIL
- 10 GA. HINGE REINFORCEMENT
- 14 GA. LOCK REINFORCEMENT
- 18 GA. ELECTRO-ZINC COATED FACE PANELS (FLUSH DOORS)
- 12 GA. CLOSER REINFORCEMENT
- CORNERS WELDED AND GROUND SMOOTH
- CHEMICALLY CLEANED AND PHOSPHATE TREATED SURFACES

HARDWARE SCHEDULE

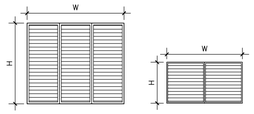
H SET # 01

4	EA. BUTTS	TA2314 4.5 X 4.5 32D NRP	MCK
1	EA. EXIT DEVICE	8813 ETL 32D	SAR
1	EA. CLOSER	1431 P3DA EN	SAR
1	EA. WALL STOP	1276 CCS 26D	TRI

WINDOW SCHEDULE

MK'D	MATERIAL	WINDOW OPENING WIDTH	WINDOW OPENING HEIGHT	WINDOW SIZE WIDTH	WINDOW SIZE HEIGHT	OPERATOR TYPE	REMARKS
A	ALUMINUM FIXED LOUVERS	9'-0"	7'-4"	3 EQUAL SPACES	3 EQUAL SPACES	N/A	
B	ALUMINUM FIXED LOUVERS	5'-10"	3'-2"	2 EQUAL SPACES	2 EQUAL SPACES	N/A	INVERTED "Y" MODEL LA-11 BY LAUSELL. BAKED ENAMEL FINISH

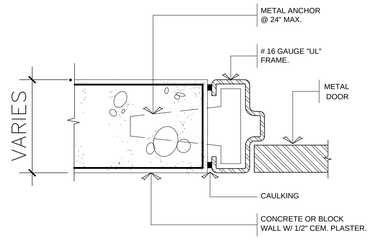
WINDOW TYPES



TYPE "A" TYPE "B"

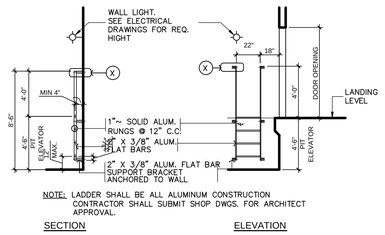
IMPACT TEST REQUIREMENT WINDOWS: ALL LOVER WINDOWS (MKD A & B) MUST PASS THE LARGE MISSILE IMPACT TEST. LARGE MISSILE IMPACT PER FBC TAS 201 (9LB @ 50 F/S) OR EQUIVALENT TO ASTM E1936-20: LEVEL E 9LB @50 F/S. DOORS SHALL BE RATED HURRICANE RATED WINDOWS.

LOUVER WINDOWS: PROVIDE STRUCTURAL REINFORCING MEMBERS AS NEEDED TO ADEQUATELY SUPPORT AND INSTALL MULTIPLE LOUVER SECTIONS WITHIN A LARGE OPENING.



TYPICAL HEAD & JAMB METAL DOOR DETAIL

1 / A-11 | A-5



PIT ELEVATOR LADDER DETAIL

NOT SCALE

2 / A-11 | A-5

FIRE EXTINGUISHED SPECIFICATIONS

MACHINE ROOM: PROVIDE TWO (2) EXTINGUISHERS: ONE (1) 20-POUND CLASS A-B-C FIRE EXTINGUISHER AND ONE (1) 10-POUND PURPLE K CLASS B-C FIRE EXTINGUISHER.

FIVE (5) HALLS: PROVIDE FIVE (5) 10-POUND CLASS A-B-C FIRE EXTINGUISHERS. LOCATION TO BE DETERMINED AT FIELD BY FIRE DEPARTMENT. .

HARDWARE NOTES:

1. ALL LOCKSET NO. REFER TO "SARGENT"
2. ALL LOCKSET TO HAVE A 2 3/4" BACK SET.
3. HINGES TO BE "MCKINNEY" OR APP. EQUAL.
4. DOOR CLOSER TO BE "SARGENT" OR APP. EQUAL.
5. A CUSTOMIZED MASTER KEYED SYSTEM SHALL BE PROVIDED THROUGH OUT THE ENTIRE BUILDING.
6. ALL DOOR CLOSERS TO BE INSTALLED AT THE INTERIOR SIDE OF DOORS.
7. ALL DOORS STOPS TO BE "TRIMCO" OR APP. EQUAL.
8. ALL BOLTS TO BE "TRIMCO" OR APP. EQUAL.
9. VERIFY WITH OWNER KEYING SYSTEM.
10. ALL LOCKS MASTER KEY & CONSTRUCTION KEY
    3 KEYS PER LOCK
    2 MASTERS KEYS
    10 CONSTRUCTION KEYS
11. ALL KEYS STAMPED " DO NOT DUPLICATE"
12. FINAL KEY-LAY OUT AS PER ARCHITECTS AND/ OR OWNER INSTRUCTIONS.
13. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT A FINAL HARDWARE SCHEDULE PRIOR TO PURCHASE ORDER FOR REVISION & APPROVAL.

APPROVED MANUFACTURERS:

1. HINGES - MCKINNEY, STANLEY, HAGER.
2. LOCKS - SARGENT, CORBIN-RUSSWIN, SCHLAGE, YALE, AND FALCON.
3. EXIT DEVICES - SARGENT, VON DUPRIN, MONARCH, CORBIN-RUSSWIN
4. CLOSERS - SARGENT, CORBIN-RUSSWIN, DORMA, NORTON
5. MISSELANOUS - TRIMCO, ROCKWOOD, IVES, BALDWIN
6. WEATHERSTRIPING - PEMKO, ZERO, REES, NATIONAL GUARD

OTHER MANUFACTURERS COULD BE APPROVED IF REQUEST IS SUBMITTED IN WRITING 15 DAYS PRIOR TO BID. AND APPROVED BY THE ARCHITECT.

KEYING SYSTEM:

PROVIDE XC PROPRIATORY CYLINDERS AND KEYS PROTECTED FROM UNAUTHORIZED MANUFACTURE AND DISTRIBUTION BY MANUFACTURER'S UNITED STATES PATENTS.

ALL LOCKS MASTER KEY AND ALL LOCKS CONSTRUCTION KEY:
3 KEYS PER LOCK
2 MASTERS KEYS
10 CONSTRUCTION KEYS

FINAL KEY LAY OUT AS PER ARCHITECTS AND/OR OWNER INSTRUCTIONS.

REGULATORY REQUIREMENTS:

A. CONFORM TO ALL APPLICABLE CODES FOR FIRE RATED DOORS AND FRAMES.

B. CONFORM TO THE APPLICABLE SECTIONS OF CHAPTER 5 OF NFPA 101.

C. CONFORM TO ANSI A117.1 FOR HARDWARE LOCATIONS AND REQUIREMENTS TO MEET ALL HANDICAPPED CODES AND MEET TITLE III PROVISIONS OF THE AMERICAN WITH DISABILITIES ACT.

D. QUANTITIES SHOWN ON THE SCHEDULE ARE FOR REFERENCE ONLY, FINAL COUNT IS BIDDERS RESPONSIBILITY. BIDDERS SHOULD VERIFY FLOOR PLANS AND DOORS SCHEDULE TO DETERMINE FINAL QUANTITIES.

E. ALL HARDWARE MANUFACTURERS SUBMITED SHALL BE MEMBERS OF THE BUILDERS HARDWARE MANUFACTURERS ASSOCIATION.

REFERENCES:

MCK = MCKINNEY MFG COMP. (BUTT HINGES)
SAR = SARGENT & COMP. (LOCKSETS, EXITS, CLOSERS,)
TRI = TRIANGLE BRASS MANF. (PUSH, PULL, BOLTS, STOPS,)
PEM = PEMKO. (WEATHERSTRIPING)
KCS = KEY CONTROLS SYSTEM INC. (KEY CABINETS)

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Architects & Consultants, PSC.

CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14-2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE], SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024-01-26	SCHEMATIC	CR

SHEET TITLE

PROPOSED ELEVATOR CAR DETAILS AND NOTES

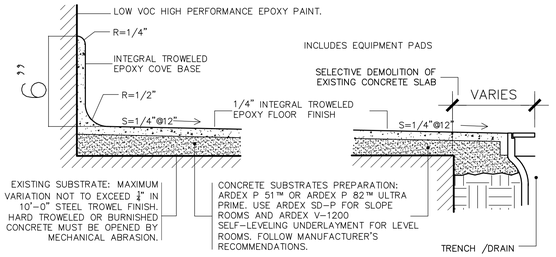
DATE	2024-JAN-26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323-A-A-08.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO. 29-35

DRAWING NO. A-08

FINISH SCHEDULE

	MK'D	AREA OR ROOM	FLOOR						BASE						WALL						CEILING						REMARKS
			EXISTING TO REMAIN	RESINOUS EPOXY FLOORING	WOOD FLOOR PROTECTION				EXISTING TO REMAIN	RESINOUS EPOXY FLOORING					EXISTING TO REMAIN	EPOXY MASTIC COATING					EXISTING TO REMAIN	EPOXY MASTIC COATING					
BASEMENT	001	CONTROL & MACHINE ROOM		●						●						●						●					NOTE NO 1
	002	PIT	●						●						●						●						
	003	HALL	●		●				●						●	●					●						NOTE NO 1, 2 & 3
	004	CORRIDOR	●						●						●						●						
1ST TO 4HT	101	LOBBY / HALL (1ST)	●						●						●						●						NOTE NO 1, 2 & 3
	102	SHAFT													●						●						
	201	LOBBY / HALL (2ND)	●		●				●						●	●					●						NOTE NO 1, 2 & 3
	202	SHAFT													●						●						
	301	LOBBY / HALL (3RD)	●		●				●						●	●					●						NOTE NO 1, 2 & 3
	302	SHAFT													●						●						
	401	LOBBY / HALL (4TH)	●		●				●						●	●					●						NOTE NO 1, 2 & 3
	402	SHAFT													●						●						
ROOF	501	LOBBY / HALL (ROOF)	●		●				●						●	●					●						
	502	SHAFT WALLS														●					●						NOTE NO 1, 2 & 3
	503	SHAFT ROOF													●						●						



NOTES:

1. EXISTING CONCRETE WALL, EQUIPMENT PADS AND SLAB.
2. SELECTIVE DEMOLITION OF EXISTING CONCRETE SLAB: SAW CUT CONCRETE PRIOR TO DEMOLITION FOR NEW TRENCH / DRAIN. REFER TO DEMOLITION AND CONSTRUCTION DRAWINGS.
3. RETROFIT FLOOR DRAINS AND PIPES: FOR SPECIFICATIONS REFER TO PLUMBING DRAWINGS.
4. POLYMER BONDING AGENT: SURFACE SHALL BE PRIME WITH ARDEX P 51 (POROUS SUBSTRATE) OR ARDEX P 82 (NON POROUS SUBSTRATE)
5. HIGH STRENGTH POLYMER MODIFIED CONCRETE UNDERLAYMENT (4-5k PSI): FLOOR MUST BE SLOPED TO THE DRAIN AT 2% GRADE (¼" PER LINEAR FOOT) WITH ARDEX SD-P® SELF-DRYING, TROWELABLE CONCRETE UNDERLAYMENT.
6. RESINOUS EPOXY FLOORING-TROWELED: FLOOR FINISH SHALL BE CARRIED UP WALL SIX (6) INCHES TO PROVIDE A INTEGRAL BASE. FINISH WITH ONE (1) CLEAR COAT OF CLEAR SEALER FOLLOWING EPOXY FLOORING MANUFACTURES RECOMMENDATIONS. ECO-KRETE HEAVY DUTY ECOLOGIC FLOOR SYSTEM BY COMCORCO OR INTERAMERICAN RESINS CORP, MINIMUM THICKNESS ¼".
7. COVES: ALL FLOORS SHALL INCORPORATE AN INTEGRAL COVED BASE 152 MM (6 IN.) MINIMUM HEIGHT. THE BASE SHALL BE BACKED WITH CONCRETE WALL, PAD OR CURB.
8. SEALER: APPLY SEALER IN ACCORDANCE WITH MANUFACTURER DIRECTIONS. DCOF EQUAL OR GREATER THAT 0.60 WHEN DRY AND EQUAL OR GREATER THAT 0.42 WHEN WET.

NOTE:

- PRIOR TO START APPLICATION OF FLOORING PROVIDE FULL SCALE PORTABLE MOCK-UP TO ESTABLISH ACCEPTABLE QUALITY, DURABILITY AND APPEARANCE. MOCK-UP SIZE MUST NOT BE LESS THAT 1'-0" X 1'-0" X 1'-0".
- SUBMIT SHOP DRAWINGS SHOWING INSTALLATION OF COVE BASE AND TERMINATION DETAILS AND DETAILS AT FLOOR MATERIAL TRANSITIONS.
- APPLY SEALER IN ACCORDANCE WITH MANUFACTURER DIRECTIONS.
- MOISTURE CONTENT: NEW AND EXISTING SUBSTRATES SHALL BE TESTED FOR MOISTURE CONTENT UTILIZING ASTM F-1869 (CALCIUM CHLORIDE TEST) AND ASTM-D-4263 (PLASTIC SHEET TEST) TO ENSURE COMPLIANCE WITH MANUFACTURERS LIMITATIONS IMMEDIATELY PRIOR TO FINISH APPLICATION. WHERE LIMITATIONS ARE EXCEEDED, A WATERPROOF MEMBRANE OR OTHER REMEDIATION ACCEPTABLE TO THE MANUFACTURER SHALL BE SPECIFIED BY MANUFACTURER.

RESINOUS EPOXY FLOORING
NTS

EPOXY MASTIC CEILING FINISH NOTES:

1. PAINT FINISH: HIGHLY CHEMICAL RESISTANT EPOXY MASTIC COATING, 6 MILS PER COAT, PRIMER COAT, INTERMEDIATE COAT AND FINISH COAT OF HIGH PERFORMANCE EPOXY PAINT. CARBOLINE CARBOGUARD® 890 COLOR: C705 LIGHT GRAY, COLOR TO BE SELECTED BY ARCHITECT OF RECORD. APPLICATION: ALL SURFACES MUST BE SOUND, DRY, CLEAN AND FREE OF OIL, GREASE, DIRT, MILDEW, MILL SCALE, FORM RELEASE AGENTS, CURING COMPOUNDS, LOOSE AND FLAKING PAINT AND OTHER SURFACE CONTAMINANTS. CLEAN WITH COROTECH® V600 OIL & GREASE EMULSIFIER OR V610 CITRUS BASED CLEANER. REMOVE ALL LOOSE AND PEELING PAINT BY WIRE BRUSHING, SCRAPING OR SANDING. FILL HOLES AND CRACKS AND SAND SMOOTH. DULL GLOSSY SURFACES BY SANDING. MODERATE TO HEAVILY RUSTED SURFACES MUST BE THOROUGHLY CLEANED AND PROPERLY PRIMED. LIGHTLY SAND OR ABRADE TO ROUGHEN SURFACE AND DEGLOSS THE SURFACE. EXISTING PAINT MUST ATTAIN A MINIMUM 3A RATING IN ACCORDANCE WITH ASTM D3359 "X-CUT" ADHESION TEST.
2. FIRE PROTECTION AROUND CEILING OPENINGS – F.S SEALANT 2000 BY DOW CORNING AND MINERAL WOOL. SEAL AROUND PIPES AND CONDUITS WITH FIRE RATED FOAM.

EPOXY MASTIC WALLS FINISH NOTES:

1. PAINT FINISH: HIGHLY CHEMICAL RESISTANT EPOXY MASTIC COATING, 6 MILS PER COAT, PRIMER COAT, INTERMEDIATE COAT AND FINISH COAT OF HIGH PERFORMANCE EPOXY PAINT. CARBOLINE CARBOGUARD® 890 COLOR: C705 LIGHT GRAY, COLOR TO BE SELECTED BY ARCHITECT OF RECORD. APPLICATION: ALL SURFACES MUST BE SOUND, DRY, CLEAN AND FREE OF OIL, GREASE, DIRT, MILDEW, MILL SCALE, FORM RELEASE AGENTS, CURING COMPOUNDS, LOOSE AND FLAKING PAINT AND OTHER SURFACE CONTAMINANTS. CLEAN WITH COROTECH® V600 OIL & GREASE EMULSIFIER OR V610 CITRUS BASED CLEANER. REMOVE ALL LOOSE AND PEELING PAINT BY WIRE BRUSHING, SCRAPING OR SANDING. FILL HOLES AND CRACKS AND SAND SMOOTH. DULL GLOSSY SURFACES BY SANDING. MODERATE TO HEAVILY RUSTED SURFACES MUST BE THOROUGHLY CLEANED AND PROPERLY PRIMED. LIGHTLY SAND OR ABRADE TO ROUGHEN SURFACE AND DEGLOSS THE SURFACE. EXISTING PAINT MUST ATTAIN A MINIMUM 3A RATING IN ACCORDANCE WITH ASTM D3359 "X-CUT" ADHESION TEST.
2. FIRE PROTECTION AROUND WALLS OPENINGS – F.S SEALANT 2000 BY DOW CORNING AND MINERAL WOOL. SEAL AROUND PIPES AND CONDUITS WITH FIRE RATED FOAM.

STEEL ELEMENTS PAINT NOTES:

	Coat	Product or Standard	Description	Mils
1	Preparation	SSPC SP-6 NACE 3	Commercial abrasive blast cleaning	n/a
Paint before 4 hours to prevent contamination or repeat preparation				
2	Primer	Dimetcoate 9H	Zinc Silicate Primer	2.5 mils
Dry to recoat minimum 16 hours				
3	Intermediate	Amercoat 235	Phenalkamine Epoxy	6 mils
Dry to recoat minimum 2 hours				
4	Finish	Amercoat 450H	Acrylic Aliphatic Polyurethane	2.0 mils
Dry to recoat minimum 2 hours (make only enough for one coat, pot life is only 2hrs)				
5	Finish	Amercoat 450H	Acrylic Aliphatic Polyurethane	2.0 mils
Dry through minimum 4 hours				

NOTES:
1. ALL NEW AND EXISTING STEEL STRUCTURAL MEMBERS (COLUMNS, BEAMS, PLATES, CHANNELS, ANGLES, TUBES, PIPES SUPPORTS, ETC)
2. LOBBY DOOR ELEVATOR FRAME ASSEMBLY.
3. APPLICATION: STANDARD AIRLESS SPRAY EQUIPMENT (MIST COAT / FULL COAT), USE BRUSH FOR SMALL TOUCHUPS, AND NEVER USE ROLLERS.
4. COLOR: COLOR TO BE SELECTED BY ARCHITECT, SUBMIT MANUFACTURERS ORIGINAL FULL-COLOR CHIPS SAMPLES (NO PDFS OR IN OFFICE-PRINTS).

NOTE 1: REPAIR OF BOLT HOLES:

REPAIR HOLES IN MECHANICAL CONCRETE PADS, CONCRETE FLOOR SLAB, CONCRETE WALLS, CONCRETE CEILING, BEAMS AND RIBS LEFT AFTER REMOVING EXISTING BOLTS FROM CHILLERS, PUMPS, PIPE HANGERS AND SEISMIC RESTRAINS. CLEAN THE HOLES THOROUGHLY, PRIME AS REQUIRED, THEN FILL THEM WITH A CONCRETE HIGH-STRENGTH EPOXY MORTAR (SIKADUR®-31+ OR SIKA ANCHORFIX®-3030), ONCE CURE FINISH SURFACE TO MATCH EXISTING CONCRETE.

NOTE 2: TEMPORARY FLOOR PROTECTION

INSTALL COVERING COMPLETELY THE LOBBY SURFACE AREA SACRIFICIAL 1/4" PLYWOOD PANELS WITH A PHENOLIC RESIN FILM COATING FOR SLIP RESISTANCE AND WATER RESISTANCE. AS A TEMPORARY PROTECTIVE FLOOR COVERING OVER EXISTING FLOORING SURFACES DESIGNATED TO REMAIN. PANELS SHALL BE SECURELY PLACED, FLUSH-JOINTED, AND ADEQUATELY FASTENED OR WEIGHTED TO PREVENT SHIFTING OR TRIPPING HAZARDS.

NOTE 3: WALL RESTORATION AT ELEVATOR HALLS

LOCALIZED WALL RESTORATION AT ELEVATOR ENTRANCES: AFTER DEMOLITION AND INSTALLATION OF NEW ELEVATOR EQUIPMENT, REPAIR, PATCH, AND PAINT THE CONCRETE, MASONRY OR GYPSUM WALLS IMMEDIATELY SURROUNDING EACH ELEVATOR ENTRANCE (JAMBS AND HEADER) TO RESTORE A UNIFORM PLANE, TEXTURE, COLOR, AND SHEEN TO MATCH ADJACENT FINISHES. LIMIT WORK TO AREAS DISTURBED BY CONSTRUCTION, EXTENDED ONLY TO THE NEAREST ARCHITECTURAL BREAK (CORNER, REVEAL OR TRIM) THE ENTIRE LOBBY IS NOT INCLUDED. RESTORE ANY BASE/TRIM REMOVED; PROTECT ADJACENT FINISHES.

PAINT FINISH NOTES:

1. EXTERIOR SUBSTRATE AND SYSTEMS
   - A. FERROUS METAL
     - a. PRIMER: 1st. COAT: KEM KROMIK METAL PRIME, B50NZ6/B50WZ1
     - b. 2nd. & 3rd. COAT: INDUSTRIAL ENAMEL, B54 SERIES
   - B. GALVANIZED METAL:
     - a. PRIMER: 1st. COAT: GALVITE HS PRIMER, B50WZ30
     - b. 2nd. & 3rd. COAT: INDUSTRIAL ENAMEL, B54 SERIES
   - C. WOOD:
     - a. PRIMER: 1st. COAT: A-100 EXTERIOR LATEX WOOD PRIMER, B42W41
     - b. 2nd. & 3rd. COAT: INDUSTRIAL ENAMEL, B54 SERIES
   - D. PLASTER:
     - a. 1st. & 2nd. COAT: DUARA CRAFT FLTA, B2 SERIES
2. INTERIOR SUBSTRATE AND SYSTEMS
   - A. CONCRETE, MASONRY AND STUCCO:
     - a. 1st. & 2nd. COAT: PROMAR 400 INTERIOR LATEX FLAT WALL PAINT, B30W451
   - B. CONCRETE AND MASONRY - WATER AND CHEMICAL RESISTANCE:
     - a. 1st. & 2nd. COAT: WATER BASE CATALYZED EPOXY, B70 SERIES
   - C. GYPSUM BOARD:
     - a. PRIMER: 1st. COAT: PREPRITE 400 INTERIOR LATEX PRIMER, B28W400
     - b. 2nd. & 3rd. COAT: PROMAR 400 INTERIOR LATEX FLAT WALL PAINT, B30W451
   - D. FERROUS METAL:
     - a. PRIMER: 1st. COAT: KEM KROMIK METAL PRIME, B50NZ6/B50WZ1
     - b. 2nd. & 3rd. COAT: INDUSTRIAL ENAMEL, B54 SERIES
   - E. GALVANIZED METAL:
     - a. PRIMER: 1st. COAT: GALVITE HS PRIMER, B50WZ30
     - b. 2nd. & 3rd. COAT: INDUSTRIAL ENAMEL, B54 SERIES
   - F. WOOD:
     - a. 1st. COAT: WOOD CLASSIC INTERIOR OIL STAIN, A49 SERIES
     - b. 2nd. COAT: WOOD CLASSIC FASTDRY SANDING SEALER, B26V43
     - c. 3rd. COAT: WOOD CLASSIC FASTDRY OIL VARNISH, A66-200
     - d. 4th. COAT: WOOD CLASSIC FASTDRY OIL VARNISH, A66-200
   - G. EXPOSED METAL CEILING:
     - a. FINISH: WATERBORNE ACRYLIC DRY FALL, B42W1
3. ALL WELDS OF GALVANIZED IRON GRILLES SHALL BE TREATED AND PAINTED WITH "Z.R.C." COLD GALVANIZING COMPOUND FOLLOWING MANUFACTURERS INSTRUCTIONS PRIOR TO PAINT GRILLWORK. PAINT GRILLWORK.
4. ALL COLORS SHALL BE SELECTED BY ARCH. DURING CONSTRUCTION.
5. TRAFFIC PAINT SHALL BE "ULTRA-HIDE" WATER REDUCIBLE ACRYLIC TRAFFIC PAINT NO. 21208 BLUE, WHITE OR YELLOW AS REQUIRED, BY GLIDDEN OR APPROVED EQUAL BY ARCHITECT.
6. ALL EXTERIOR & INTERIOR METAL DOOR TO BE PAINTED AS SELECTED BY ARCHITECT
7. ALL INTERIOR WALLS PAINTED WITH EPOXY SHALL BE PAINTED WITH "CARBOLINE 890", PRIMER, ONE (1) COAT± FINISH, TWO (2) COATS, (FOLLOWING MANUFACTURERS RECOMMENDATIONS) OR APPROVED EQUAL BY ARCHITECT.
8. ALL FLOORS TO BE PAINTED AS STORAGE, A/C ROOMS, POWER PLANT ROOM, ETC. SHALL HAVE A FINE BROOM CEMENT FINISH AND SHALL BE PAINTED WITH NON SKID "VULKEM 350/351 SYSTEM" COLOR GRAY BY "MAMECO INTERNATIONAL" OR APPROVED EQUAL BY ARCHITECT.

PAINT FINISH NOTES:

1. ALL WALLS , UNLESS OTHERWISE INDICATED SHALL BE PAINTED WITH MOBILE PAINTS OR APP EQUAL BY ARCHITECT:1335-SERIES, COVENTRY ACRYLIC FLAT FINISH.
2. ALL EXTERIOR AND INTERIOR SURFACES TO BE PRIMED WITH MOBILE PAINTS OR APP EQUAL BY ARCHITECT:6-6 LINE, WEATHER-TITE 100% ACRYLIC LATEX UNIVERSAL PRIMER WHITE.
3. ALL COLORS TO BE SELECTED BY ARCHITECT DURING CONSTRUCTION.
4. ALL INTERIOR WALLS PAINTED WITH EPOXY SHALL BE PAINTED WITH "CARBOLINE 890"; PRIMER, ONE (1) COAT; FINISH, TWO (2) COATS; (FOLLOWING MANUFACTURERS RECOMMENDATIONS) OR APPROVED EQUAL BY ARCHITECT.
5. ALL WOOD FLOAT CEMENT FINISHED FLOORS SHALL BE TREATED WITH TWO (2) COATS OF "VULKEM 2200 HD" BY "MAMECO INTERNATIONAL" OR APPROVED EQUAL BY ARCHITECT.

REMODELING PAINTING NOTES:

1. CONTRACTOR SHALL PATCH VOIDS, DENTS, CREVICES AND FILL ALL CRACKS AND JOINTS IN THE WALLS AS FOLLOWS:

   A. LARGE CRACKS (30 + MILS): MOBILE PAINTS 43-60-SERIES, WEATHER-TITE ELASTOMERIC PATCHING COMPOUND KNIFE GRADE-SMOOTH.

   B. SPALLED OR DETERIORATED CONCRETE TO BE REPAIR USING "SIKA" PRODUCTS.

   C. REPOINTING / TUCK POINTING MORTAL JOINTS SEE SPECIFICATIONS SECTIONS.

   D. CRACKS (LESS THAN 30 MILS) AND PERIMETER JOINTS, CAULKING: SUCH AS CURTAIN WALL JOINTS, FLASHING RINGLETS, PRECAST PANEL JOINTS, WINDOWS AND PANELS SHALL BE TREATED WITH: MOBILE PAINTS 60-17, SERIES, WEATHER-TITE 101 PLUS SILICONIZED ACRYLIC LATEX CAULK.

2. CONTRACTOR SHALL REMOVE ALL EXISTING JOINT SEALANTS AND CAULKING PRIOR INSTALLING NEW SEALANTS AND WATERPROOFING.

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

YO, EDGAR MORELL RIVERA, 16176, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14-2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÓN APLIQUE]. SEGÓN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024-01-26	SCHEMATIC	CR

SHEET TITLE

PROPOSED ELEVATOR CAR DETAILS AND NOTES

DATE	2024-JAN-26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323-A-A-08.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.

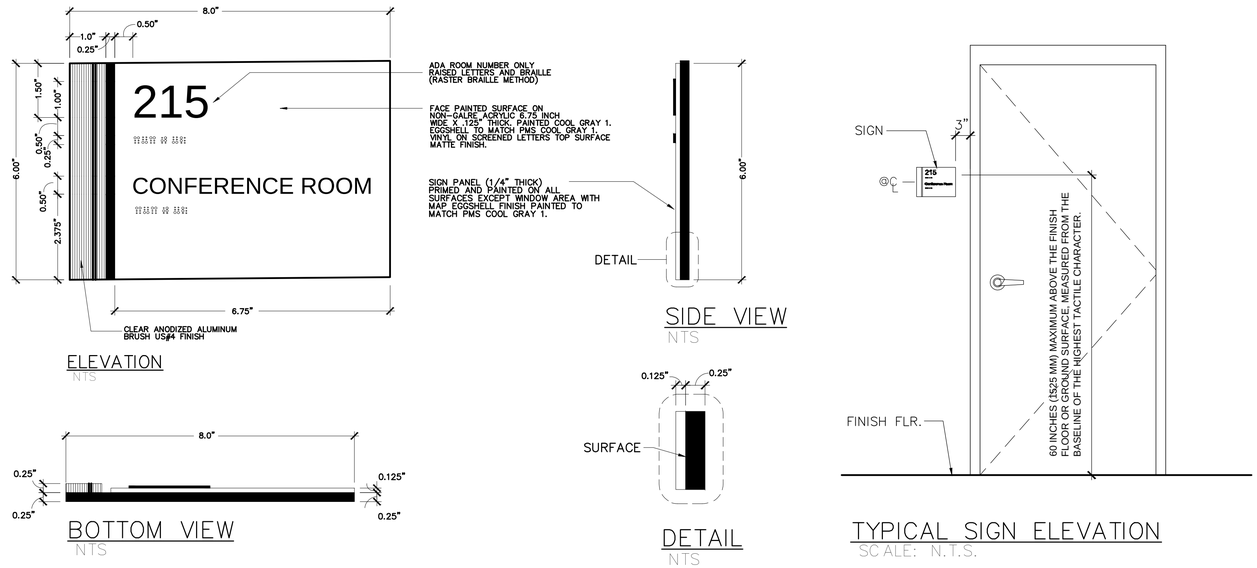
30-35 A-09

DRAWING NO.

PROPOSED SIGNAGE SCHEDULE

MACHINE ROOM - CARGO ELEVATOR		
I. D.	SIGN SCHEDULE	REMARKS
1	HYDRAULIC SYSTEM STORAGE TANK	PERMANENTLY ATTACH A NON-CORROSIVE METAL DATA PLATE. PROVIDE A DATA PLATE ATTACHED TO TANK INDICATING OIL CHARACTERISTICS AND VISCOSITY AND PUMP SPECIFICATIONS.
2	MOTOR AND PUMP	PERMANENTLY ATTACH A NON-CORROSIVE METAL DATA PLATE. PROVIDE MOTOR AND PUMP NAME PLATE AND DATA TAGS PERMANENTLY MOUNTED ON THE OUTSIDE OF THE PUMP UNIT FRAME.
3	PIPE COLOR, DIRECTION OF FLUID AND STENCIL IDENTIFIED.	ALL NEW PIPES OF ELEVATOR SYSTEM SHALL BE IDENTIFIED FOLLOWING PIPE MARKING STANDARD GUIDELINES. (COLOR-CODING SYSTEM)
4	ELEVATOR CONTROLLER UNIT	PERMANENTLY ATTACH A NON-CORROSIVE METAL CODE DATA PLATE, IN PLAIN VIEW.
5	MAIN LINE DISCONNECT SWITCH	SIGN NO 1: "ELEVATOR MAIN DISCONNECT." SIGN NO 2: "KEEP SWITCH CLOSED EXCEPT DURING MAINTENANCE, REPAIR AND INSPECTION"
6	EMERGENCY POWER WARNING	SIGN NO 1: "WARNING: MULTIPLE POWER SOURCES, DISCONNECT ALL SOURCES BEFORE SERVICING" SIGN NO 2: "THIS ELEVATOR SYSTEM IS POWERED FROM MORE THAN ONE ELECTRICAL SOURCE. DISCONNECT ALL POWER SOURCES BEFORE PERFORMING MAINTENANCE. ADDITIONAL DISCONNECT(S) LOCATED IN: MACHINE ROOM PANEL _-_ AND MAIN SERVICE PANEL _-_" WARNING SIGNS SHALL BE POSTED WHEN THERE IS POWER FROM MORE THAN ONE SOURCE PER NFPA 70. LOCATIONS: 1. MACHINE ROOM WALL PANEL #1 2. ELEVATOR CONTROLLER CABINET
7	TOOLS CABINET	SIGN NO 1: "ELEVATOR TOOLS: AUTHORIZED PERSONNEL ONLY"
8	OUTSIDE DOOR SIGNAGE	SIGN NO 1: "ELEVATOR MACHINE ROOM AUTHORICED PERSONNAL ONLY" SIGN NO 2: "ELEVATOR MAIN LINE DISCONNECT SWITCH LOCATED IN"
9	EQUIPMENT SIGNAGE	IDENTIFY EACH EQUIPMENT WITH PERMANENTLY ATTACH A NON-CORROSIVE METAL DATA PLATE, IN AN INDELIBLE AND LEGIBLE MANNER
10	RECALL FLOOR IDENTIFICATION (FIREFIGHTER SERVICE) - MACHINE ROOM - CAR	SIGN NO 1: "FIRE FIGHTER'S RECALL FLOOR: [X]". SIGNAGE IS REQUIRED IN THE ELEVATOR MACHINE ROOM TO CLEARLY INDICATE THE DESIGNATED RECALL FLOOR. ADJACENT TO OR ON THE ELEVATOR CONTROL PANEL OR RELAY BOX IN THE MACHINE ROOM.

SERVICE ELEVATOR LOBBY (ALL LEVELS: BASEMENT, 1, 2, 3, 4 AND ROOF)		
I. D.	SIGN SCHEDULE	REMARKS
1	HOISTWAY ACCESS SWITCHES	"HOISTWAY ACCESS" OR "HOISTWAY ACCESS ENABLE" MINIMUM 1/4" HIGH LETTERS (OR PER LOCAL AHJ), PERMANENT ENGRAVED OR PRINTED PLATE (METAL OR PLASTIC). TYPICALLY WHITE TEXT ON RED BACKGROUND OR PER LOCAL STANDARD.
2	ELEVATOR LOBBY FLOOR DESIGNATION SIGNS	REQUIRED AT EACH ELEVATOR LOBBY ADJACENT TO THE HOISTWAY. SHOULD DISPLAY THE FLOOR LEVEL CLEARLY. MOUNTED ON THE WALL OR JAMB NEAR THE ELEVATOR CALL STATION. BRAILLE PLATES ON BOTH SIDES OF DOOR FRAME ENTRANCES
3	FREIGHT LOADING SIGN TYPE OF LOADING CAPACITY	FREIGHT ELEVATORS SHALL BE PROVIDED WITH A SIGN SPECIFYING THE TYPE OF LOADING FOR WHICH THE ELEVATOR IS DESIGNED: A. INSIDE THE ELEVATOR CABIN B. AT THE ELEVATOR LOBBY SIGN NO 1: "CLASS A LOADING: THIS ELEVATOR DESIGNED FOR GENERAL FREIGHT LOADING. MAXIMUM CAPACITY: 6,000 LBS (2,720 KGS). EACH PIECE OF FREIGHT NOT TO EXCEED ¬ MAX CAPACITY OR 1,250 LBS (568KGS)" SIGN NO 2: "FOR FREIGHT ONLY, THIS IS NOT A PASSENGER ELEVATOR. NO PERSONS OTHER THAN THE OPERATOR AND FREIGHT HANDLERS ARE PERMITTED TO RIDE ON THIS ELEVATOR"
4	SAFETY AND OPERATIONAL SIGNS	SAFETY AND OPERATIONAL SIGNS"KEEP DOOR CLEAR AT ALL TIMES" "DO NOT BLOCK ELEVATOR ENTRANCE"
5	OPERATIONAL STATUS (REMOVABLE)	SIGN NO 1: "OUT OF SERVICE" SIGN NO 2: "TEMPORARILY CLOSED FOR MAINTENANCE" SIGN NO 3 "AUTHORIZED USE ONLY DURING [SPECIFIED HOURS]"
6	FIRE SAFETY	BRAILLE AND TACTILE CHARACTERS (PER ADA). "IN CASE OF FIRE, DO NOT USE ELEVATOR. USE STAIRS." INSIDE THE CABIN (ELEVATOR CAR INTERIOR) AND LOBBY / LANDING (NEXT TO ELEVATOR ENTRANCE ON EACH FLOOR)
7	SERVICE LOBBY DOOR SERVING A CARGO ELEVATOR	"SERVICE ELEVATOR LOBBY - AUTHORIZED PERSONNEL ONLY" LETTER SIZE: AT LEAST 2 INCHES (50 MM) HIGH FOR MAIN WORDS, PER ADA AND VISIBILITY STANDARDS. CONTRAST: HIGH CONTRAST BETWEEN BACKGROUND AND TEXT (E.G., WHITE LETTERS ON A RED OR DARK BACKGROUND). MATERIAL: DURABLE, NON-GLARE, FIRE-RATED WHERE REQUIRED.



SIGN DETAILS NO 1: ENTRANCE DOORS

PROPOSED SIGNAGE SCHEDULE

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

PROPOSED SIGNAGE SCHEDU;ES, NOTES AND DETAILS

DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–LN–01.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO. 31-35

DRAWING NO. A-10

PROPOSED SIGNAGE SCHEDULE

HOISTWAY - CARGO ELEVATOR		
I. D.	SIGN SCHEDULE	REMARKS
1	BUFFERS STROKE AND LOAD RATING	SIGN BUFFERS MUST HAVE A PERMANENTLY ATTACHED NON-CORROSIVE METAL PLATE INDICATING ITS STROKE AND LOAD RATING. SIGN: "MAXIMUM STROKE: ___ IN / MAXIMUM LOAD: ___ LBS (___ KG)."
2	HOISTWAY FLOOR DESIGNATION SIGNS (INSIDE SHAFT)	PERMANENTLY ATTACH A NON-CORROSIVE METAL DATA PLATE. ETCHED METAL PLATES VISIBLE FROM THE ELEVATOR CAR WHEN DOORS ARE OPEN. INSTALLED AT EACH FLOOR, AT THE LANDING SILL LEVEL. MUST INDICATE THE FLOOR LEVEL.
3	LIFTING BEAM	REQUIRES MANUFACTURER'S LABEL WITH: - RATED LOAD CAPACITY (E.G., 5,000 LBS) - DESIGNATION AS LIFTING BEAM
4	DEMOLITION AND CONSTRUCTION TEMPORARY SIGNAGE	WARNING SIGNAGE: AREA OF ASBESTOS-CONTAINING FLOORING "DANGER ASBESTOS CANCER AND LUNG DISEASE HAZARD AUTHORIZED PERSONNEL ONLY RESPIRATORS AND PROTECTIVE CLOTHING REQUIRED IN THIS AREA. DO NOT DISTURB FLOORING MATERIALS"
5	PIT ACCESS LADDER	IDENTIFICATION: "PIT ACCESS LADDER" RATED LOAD MAX CAPACITY

CAR - CARGO ELEVATOR		
I. D.	SIGN SCHEDULE	REMARKS
1	CAR CEILING AND TOP OF CAR	HATCH SHALL BE LABELED `EMERGENCY EXIT - DO NOT BLOCK' AND SHALL NOT REQUIRE KEYS OR TOOLS FOR OPERATION FROM INSIDE THE CAR."
2	ELEVATOR CAR CROSSHEAD PERMANENT METAL DATA PLATE	PERMANENTLY AFFIX A NON-CORROSIVE METAL DATA PLATE TO THE ELEVATOR CAR CROSSHEAD. THE PLATE SHALL DISPLAY ELEVATOR MANUFACTURER, RATED LOAD AND SPEED, DATE OF MANUFACTURE, TYPE OF OPERATION, AND UNIQUE IDENTIFYING NUMBERS, PER ASME A17.1 SECTION 8.9.1.3. LETTERING SHALL BE ENGRAVED AND LEGIBLE, WITH A MINIMUM HEIGHT OF 0.125 INCHES.
3	SIGN ON ELEVATOR CROSSHEAD	SIGN WITH THE WORDS "DANGER LOW CLEARANCE" SHALL BE PROMINENTLY POSTED ON THE CROSSHEAD AND BE VISIBLE FROM THE ENTRANCE. PERMANENT, WEATHER/GREASE RESISTANT, AND WITH CONTRASTING COLORS (RED AND WHITE OR RED AND BLACK
4	FIRE SERVICE INSTRUCTIONS	FIRE SERVICE INSTRUCTIONS SHALL BE INSTALLED PER ASME A17.1, ITEM 2.27.7
5	IN-CAR SIGN	FREIGHT ELEVATORS SHALL BE PROVIDED WITH A SIGN SPECIFYING THE TYPE OF LOADING FOR WHICH THE ELEVATOR IS DESIGNED
6	IN-CAR SIGN	IN-CAR CAPACITY PLATE SHALL BE INSTALLED
7	CAR DESIGNATION SIGNS (CAB ID)	SIGN SHOULD BE POSTED INSIDE THE CAR NEAR THE OPERATING PANEL AND OUTSIDE THE HOISTWAY ENTRANCE ON EACH LANDING. LETTER OR NUMBER DESIGNATION.
8	INSPECTOR CERTIFICATION INSIDE" (PER LOCAL CODE)	TAMPER RESISTANT CERTIFICATION HOLDER FOR "INSPECTED BY [AUTHORITY] - CERTIFICATE
9	RECALL FLOOR IDENTIFICATION (FIREFIGHTER SERVICE) -MACHINE ROOM -CAR	"RECALL FLOOR - [INSERT FLOOR ID]" PROVIDE PERMANENT SIGNAGE INSIDE THE ELEVATOR CAB AND IN THE MACHINE ROOM INDICATING THE DESIGNATED FIREFIGHTER RECALL FLOOR.
10	EMERGENCY SIGN	"IN CASE OF EMERGENCY, USE STAIRS" "IN CASE OF FIRE, DO NOT USE ELEVATOR. USE STAIRS." INSIDE THE CABIN (ELEVATOR CAR INTERIOR) LOBBY/LANDING (NEXT TO ELEVATOR ENTRANCE ON EACH FLOOR)

SIGNAGE NOTES:

1. BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS.
2. DEPTH: RAISED CHARACTERS SHALL BE **1/32 INCH** (0.8 MM) MINIMUM ABOVE THEIR BACKGROUND.
3. CASE: CHARACTERS SHALL BE **UPPERCASE.**
4. STYLE: CHARACTERS SHALL BE **SANS SERIF.**
5. CHARACTER HEIGHT: CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH (16 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I", WITH SPACING BETWEEN NEVER LOWER THAN 1/8 OF AN INCH. WHERE SEPARATE RAISED AND VISUAL CHARACTERS WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTER HEIGHT SHALL BE PERMITTED TO BE 1⁄2 INCH (13 MM) MINIMUM.
6. TACTILE POSITIONING: TACTILE CHARACTERS AND BRAILLE LETTERING MUST BE REACHABLE REGARDLESS OF SIGN TYPE, EXCLUDING OVERHEAD SIGNS. BRAILLE TEXT CAN BE MOUNTED WITH NO LESS THAN 48 INCHES (4 FEET) BETWEEN THE FLOOR AND ITS LOWEST LINE OF CHARACTERS, WHILE THE MAXIMUM MOUNTING HEIGHT IS 60 INCHES (5 FEET) FROM THE GROUND TO LOWEST CHARACTER BASELINE.
7. COLORS SIGNS SHOULD HAVE A 70 PERCENT BRIGHTNESS DIFFERENTIAL BETWEEN BACKGROUNDS AND TEXT. THIS ENSURES PROPER COLOR CONTRASTING AND PROMOTES OVERALL SIGN VISIBILITY. HIGH-CONTRAST, DUAL COLOR SCHEME, NON-GLOSS FINISH.
8. COMPLIANT BRAILLE LETTERING ADHERES TO THE FOLLOWING REGULATIONS:
   - **BRAILLE DOTS AND CELLS:** THE INDIVIDUAL DOTS COMPRISING A BRAILLE CELL, OR ITS CHARACTER, MUST BE DOME-SHAPED, NOT POINTED OR PLATEAU, WITH A 0.06-INCH BASE DIAMETER AND 1/4 OF AN INCH HEIGHT.
   - **BRAILLE GRADE:** SIGNS SHOULD USE CONTRACTED GRADE II BRAILLE, WITH THE MAJORITY OF CHARACTERS FOLLOWING SENTENCE-CASE CAPITALIZATION RULES.
   - **BRAILLE SPACING:** INDIVIDUAL BRAILLE DOTS SHOULD HAVE 0.1-INCH MARGINS ON ALL SIDES. BRAILLE CELLS SHOULD SIT 0.3 INCHES APART FROM ONE ANOTHER. LINES OF BRAILLE SHOULD HAVE 0.4 INCHES BETWEEN THEM, WITH 3/8 OF AN INCH BETWEEN LINES OF BRAILLE AND ALL OTHER RAISED TEXT OR ELEMENTS.
   - **BRAILLE POSITIONING:** BRAILLE LINES SHOULD BE PLACED DIRECTLY BENEATH THEIR CORRESPONDING RAISED TEXT.
9. HEIGHT ABOVE FINISH FLOOR OR GROUND. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1220 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES (1525 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.
10. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM BY 18 INCHES (455 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

11. MINIMUM REQUIREMENTS FOR SIGNAGE SUBMITTAL:

A. SHOP DRAWINGS NO 1: FABRICATION DRAWINGS WITH FULLY DIMENSIONED, MATERIALS

B. SHOP DRAWINGS NO 2: INSTALLATION MOUNTING HEIGHTS + POSITIONING

C. SIGN SCHEDULE

D. PHYSICAL SAMPLES

E. INSTALLATION HARDWARE

12. TECH SPECS REQUIREMENTS FOR SIGNAGE SUBMITTAL:

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.

B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR SIGNS.
- SHOW SIGN MOUNTING HEIGHTS, LOCATIONS OF SUPPLEMENTARY SUPPORTS TO BE PROVIDED BY OTHERS, AND ACCESSORIES.
- PROVIDE MESSAGE LIST, TYPE STYLES, GRAPHIC ELEMENTS, INCLUDING TACTILE CHARACTERS AND BRAILLE, AND LAYOUT FOR EACH SIGN.

C. SAMPLES FOR VERIFICATION: FOR EACH OF THE FOLLOWING PRODUCTS AND FOR THE FULL RANGE OF COLOR, TEXTURE, AND SIGN MATERIAL INDICATED, OF SIZES INDICATED:
- DIMENSIONAL CHARACTERS: FULL-SIZE SAMPLES OF EACH TYPE OF DIMENSIONAL CHARACTER (LETTER, NUMBER, AND GRAPHIC ELEMENT).
- ACRYLIC SHEET: 8 BY 10 INCHES FOR EACH COLOR REQUIRED.
- ACCESSORIES: MANUFACTURER'S FULL-SIZE UNIT.

D. SIGN SCHEDULE: USE SAME DESIGNATIONS INDICATED ON DRAWINGS.
E. QUALIFICATION DATA: FOR INSTALLER AND FABRICATOR.
F. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.

PROPOSED SIGNAGE SCHEDULE

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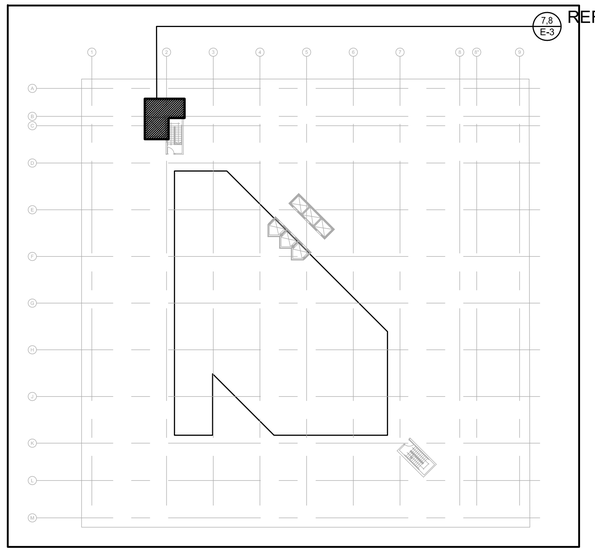
REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE
PROPOSED SIGNAGE SCHEDULES, NOTES AND DETAILS

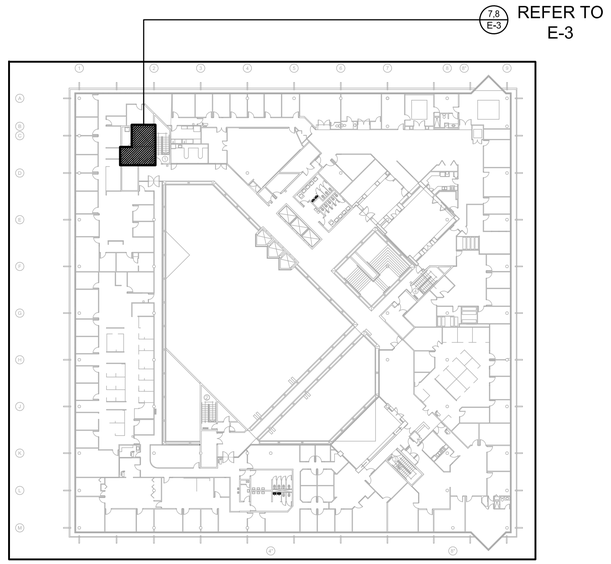
DATE	2024–JAN–26
DRAWN BY	L.MARTE
REVISED BY	C.RODRIGUEZ
DWG FILE NAME	P00323–A–LN–01.DWG
PLOT SCALE	1:1
SCALE	NTS

SHEET NO.
32-35

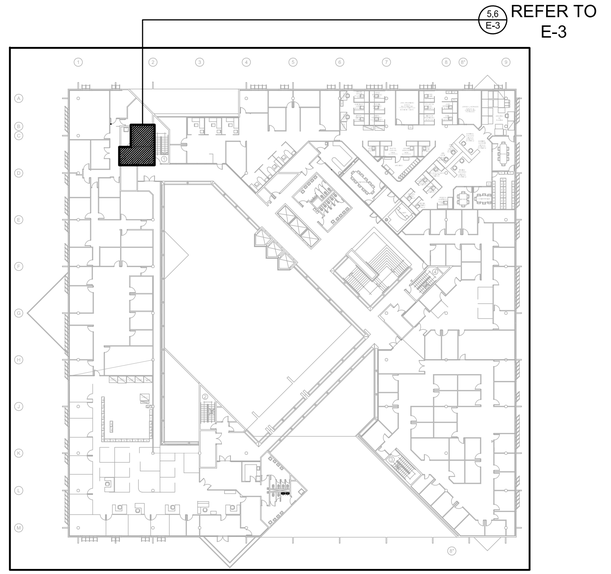
A-11
DRAWING NO.



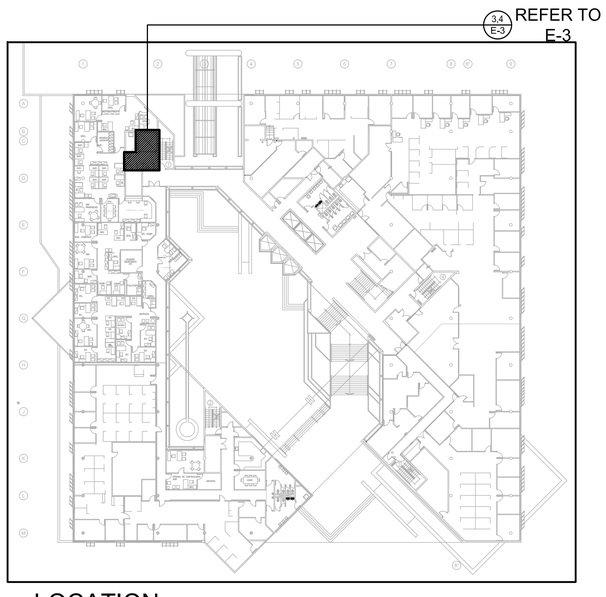
1 E-1 LOCATION
KEY PLAN - ROOF PLAN
SCALE: NTS



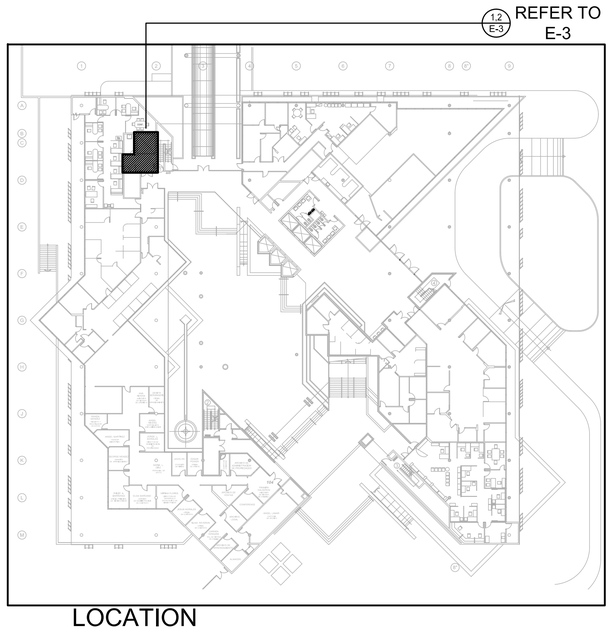
2 E-1 LOCATION
KEY PLAN - 4TH LEVEL
SCALE: N/A



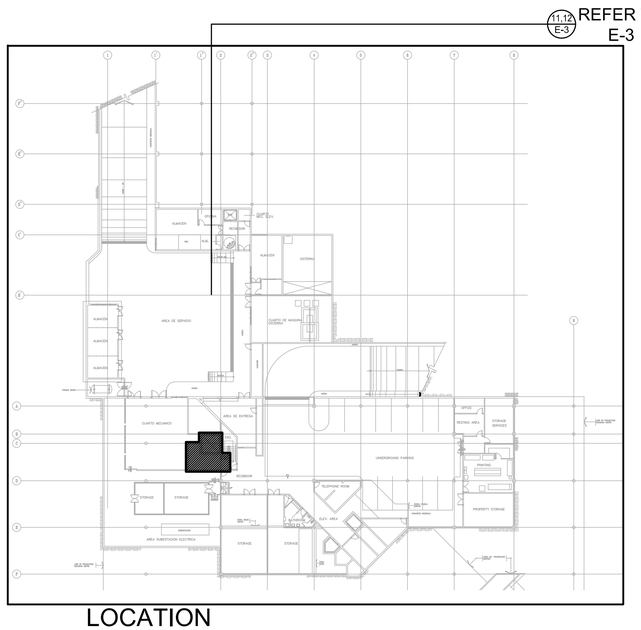
3 E-1 LOCATION
KEY PLAN - 3RD LEVEL
SCALE: NTS



4 E-1 LOCATION
KEY PLAN - 2ND LEVEL
SCALE: NTS



5 E-1 LOCATION
KEY PLAN - 1ST LEVEL (PLAZA)
SCALE: NTS



6 E-1 LOCATION
KEY PLAN - BASEMENT
SCALE: NTS

N

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CLIENT
DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.
CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

CONSULTANT SEAL

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YO, LEONARDO J. VIDAL, LIC #6092, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURIDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY 14–2004, SEGÚN ENMENDADA, CONOCIDA COMOLA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGÚN APLIQUE]. SEGÚN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MÍ CONOCIMIENTO, ME HACEN RESPONSABLES DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE
LOCATION KEY PLAN

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SHEET NO.
04-30 E-1
DRAWING NO.

① DEMOLITION NOTES - ELECTRICAL:

1.- GENERAL:

AS PART OF HIS/HER BID, THE CONTRACTOR SHALL VISIT THE SITE IN ORDER TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE PROJECT, THE CONTRACTOR IS HEREBY NOTIFIED THAT NOT ALL THE EXISTING ELEMENTS MAY HAVE BEEN INDICATED ON THE DRAWINGS AND THAT SOME EXISTING ELEMENTS MAY NOT HAVE BEEN SHOWN IN THEIR ACTUAL LOCATION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS THAT COULD AFFECT THE PROPER DEMOLITION AND CONSTRUCTION WORK SCHEDULE AND/OR PERFORMANCE.

2.- NOTIFICATION:

THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST TWO (2) WEEKS PRIOR TO BEGINNING THE DEMOLITION WORK. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT/ENGINEER ALL THE ELEMENTS OF THE ELECTRICAL INSTALLATION THAT ARE TO BE REMOVED AND THOSE THAT ARE TO REMAIN, REFER TO ITEM NO. 12.

3.- COMPLIANCE:

THE CONTRACTOR MUST COMPLY WITH ALL THE CODES, STANDARDS AND REGULATIONS THAT APPLY TO DEMOLITION WORK AS WELL AS WITH THE REQUIREMENTS OF ALL THE INSURANCE COMPANIES THAT PROVIDE COVERAGE FOR THIS PROJECT.

4.- SCHEDULING:

THE CONTRACTOR SHALL SCHEDULE ALL DEMOLITION WORK IN A CAREFUL MANNER SO AS NOT TO INTERFERE WITH NORMAL DAILY OPERATIONS AND WITH ALL THE NECESSARY COORDINATION FOR ANY ONGOING WORK AT THE PROJECT AND AT ANY AREAS IN PRESENT USE. IN ADDITION, THE DEMOLITION WORK SHALL ALSO BE COORDINATED WITH ALL THE NEIGHBORS AND THE PUBLIC GIVING THEM ALL THE NECESSARY CONSIDERATIONS FOR THE SAFE USE OF THEIR PROPERTIES AND PUBLIC AREAS.

5.- SAFETY:

THE CONTRACTOR SHALL ERECT ALL THE NECESSARY SECURITY BARRIERS, FENCES, GUARD RAILS, ETC. IN ORDER TO PROVIDE THE REQUIRED LEVEL OF PROTECTION TO THE PUBLIC AND ALL PERSONNEL AT THE PROJECT SITE. THE CONTRACTOR SHALL AVOID ANY INTERFERENCE WITH THE USE OF ADJACENT BUILDINGS AND FACILITIES AS WELL AS AVOIDING RESTRICTING THE PASSAGE TO AND FROM SAID BUILDINGS AND FACILITIES. DO NOT CLOSE OR OBSTRUCT ANY STREETS OR SIDEWALKS WITHOUT PREVIOUSLY OBTAINING THE REQUIRED PERMISSION FROM ALL THE AUTHORITHIES HAVING JURISDICTION.

6.- PROTECTION:

THE CONTRACTOR SHALL USE ALL THE MEANS NECESSARY TO PROTECT ALL THE CONSTRUCTION MATERIALS BEFORE, DURING AND AFTER THE DEMOLITION WORK AS WELL AS ALSO PROTECTING ALL THE ELEMENTS OR THE ELECTRICAL INSTALLATION THAT ARE TO REMAIN. IN THE EVENT OF ANY DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL THE NECESSARY REPAIRS AND REPLACEMENTS IN ORDER TO RESTORE ALL THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITIONS, ALL OF THIS WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT/ENGINEER. THIS SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

7.- DUST CONTROL:

THE CONTRACTOR SHALL USE ALL THE NECESSARY MEANS TO CONTROL DUST ON AND NEAR THE WORK BEING CARRIED OUT. ALL SURFACES SHALL BE THOROUGHLY MOISTEN AS REQUIRED BY THE ENVIRONMENTAL QUALITY BOARD (EQB) AND THE JUNTA DE CALIDAD AMBIENTAL, (JCA) IN ORDER TO PREVENT DUST FROM BECOMING A NUISANCE TO ANY BUILDING OCCUPANTS, THE PUBLIC, THE NEIGHBORS AND THE CONSTRUCTION CREW. COVER ALL EQUIPMENT AND MATERIALS AS REQUIRED IN ORDER TO PROTECT THEM FROM DUST AND DEBRIS. THE CONTRACTOR SHALL ALSO USE ALL THE NECESSARY MEANS IN ORDER TO AVOID ANY TYPE OF FLOODING THAT CAN INTERFERE WITH THE CONSTRUCTION OF THE PROJECT, THE NEIGHBORS AND THE PUBLIC.

8.- BURNING:

ON-SITE BURNING WILL NOT BE PERMITTED, THE USE OF EXPLOSIVES IS STRICTLY PROHIBITED.

9.- DISPOSAL:

THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT/ENGINEER A LOCATION WITHIN THE LIMITS OF THE PROJECT IN WHICH TO STORE ALL THE ELEMENTS OF THE EXISTING ELECTRICAL INSTALLATION WHICH ARE INDICATED TO BE REMOVED. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE OWNER OR THE APPOINTED OWNER'S REPRESENTATIVE WHICH OF SAID ELEMENTS SHALL BE TURNED OVER TO THE OWNER OR ARE TO BE DISCARDED. THOSE ELEMENTS CHOSEN TO BE RETAINED SHALL BE CLEANED AND TURNED OVER TO THE OWNER IN GOOD CONDITIONS AT THE SITE STORE LOCATION INDICATED ABOVE, NO LATER THAN EACH FRIDAY OF THE SAME WEEK THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL THE MATERIALS THAT ARE TO BE DISCARDED AS WELL AS ALL THE RELATED DEBRIS. DURING THE WEEKENDS THE SITE MUST BE FREE FROM MATERIALS AND DEBRIS. THE CONTRACTOR SHALL DISPOSE LEGALLY OF SAID MATERIALS AND DEBRIS.

10.- UTILITIES:

THE CONTRACTOR SHALL LOCATE AL THE EXISTING POWER (FEEDERS, BRANCH CIRCUITS, CONTROL CIRCUITS, ETC.) AND TELECOMMUNICATION LINES WHICH ARE NECESSARY TO PERFORM THE WORK, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT'S FACILITIES ENGINEERING DEPARTMENT TO MAKE SURE THAT ALL THE LINES ARE DE-ENERGIZED BEFORE PROCEEDING WITH THE REMOVAL OR RELOCATION OF SAID LINES AND ALSO TO PREVENT THE INTERRUPTION OF ANY SERVICE TO AREAS OUTSIDE OF THE LIMITS OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE (FURNISH AND INSTALL) ALL THE NECESSARY LABOR AND MATERIALS, INCLUDING TEMPORARY POWER AND TELECOMMUNICATION LINES TO PREVENT SUCH INTERRUPTIONS.

11.- SPECIAL CONDITIONS:

IF THE PROJECT SITE AND BUILDING IS FOUND TO BE PLAGUED WITH TERMITE AND RODENT INFESTATION, COORDINATE WORK WITH THE ACTIVITIES OF THE OWNER'S EXTERMINATOR FOR EXTERMINATING WORK TO BE PERFORMED PRIOR TO DEMOLITION. IN ADDITION, IF ANY ENVIRONMENTAL HAZARD IS FOUND WITHIN THE PROJECT, NOTIFY IMMEDIATELY THE OWNER OR THE APPOINTED OWNER'S REPRESENTATIVE FOR PROPER ACTION AND/OR INSTRUCTIONS.

12.- SCOPE OF WORK:

a.- THE SCOPE OF WORK INCLUDES THE FURNISHING OF ALL MATERIALS, EQUIPMENT, CUTTING, EXTENDING, CONNECTING, REPAIRING, ADAPTING AND ANY OTHER WORK COINCIDENTAL HERETO, IT ALSO INCLUDES ALL THE NECESSARY TEMPORARY INSTALLATIONS TO SATISFY THE DEMOLITION PROGRAM. APPROVAL SHALL BE SECURED FROM THE ARCHITECT/ENGINEER PRIOR TO CUTTING/DRILLING ANY STRUCTURAL SUPPORT.

b.- ALL BUILDING CONSTRUCTION DESIGNATED TO REMAIN AND AFFECTED BY THE REMOVAL, RELOCATION OR INSTALLATION OF ANY PIECE OF EQUIPMENT SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS. IN ADDITION, WHERE OPENINGS ARE LEFT DUE TO THE REMOVAL OF DUCTS, PIPES, CONDUITS, EQUIPMENT AND APPARATUS, SAID OPENINGS SHALL BE REPAIRED OR CLOSED UP TO CORRESPOND IN MATERIAL, QUALITY, SHAPE AND FINISH WITH THAT OF SIMILAR AND ADJOINING WORK. UNLESS OTHERWISE CALLED FOR WHERE DAMAGED IS UN-REPAIRABLE, NEW ITEMS OR EQUIPMENT SHALL BE PROVIDED. CONTRACTOR SHALL PROVIDE ALL THE NECESSARY WATERPROOFING, FIRE STOPPING AND SEALING OF PENETRATIONS LEFT FROM REMOVED EQUIPMENT OR PRODUCED BY THIS WORK.

c.- BEFORE PROCEEDING WITH ANY ELECTRICAL DEMOLITION WORK, THE CONTRACTOR SHALL COMPLETELY AND FULLY DE-ENERGIZE OR COORDINATE THE DE-ENERGIZING OF THE EXISTING ELECTRICAL INSTALLATION, BOTH POWER AND TELECOMMUNICATIONS, TO BE REMOVED. A CERTIFICATION TO THIS EFFECT SHALL BE FURNISHED BY THE CONTRACTOR TO THE OWNER OR THE APPOINTED OWNER'S REPRESENTATIVE.

d.- REMOVE ALL THE EXISTING ELECTRICAL EQUIPMENT, WIRING DEVICES, COVER PLATES AND LIGHTING FIXTURES AS INDICATED ON THE DRAWINGS, THE ELECTRICAL EQUIPMENT SHALL INCLUDE BUT NOT LIMITED TO LOAD CENTERS, PANELBOARDS, DISCONNECT SWITCHES, STARTERS, MOTOR CONTROL CENTERS, SWITCHBOARDS, TRANSFORMERS, TRANSFER SWITCHES, EMERGENCY GENERATORS AND SUBSTATIONS.

e.- REMOVE ALL THE EXISTING BRANCH CIRCUIT WIRING AND FEEDERS WHICH FORM PART OF THE ELECTRICAL INSTALLATION INDICATED TO BE REMOVED,

f.- REMOVE ALL THE EXISTING EXPOSED CONDUITS RELATED TO THE ELECTRICAL DEMOLITION INDICATED ABOVE, ALL THE EXISTING CONDUITS WHICH ARE EMBEDDED IN CONCRETE WALLS, FLOORS AND CEILINGS OR IN CONCRETE BLOCK WALLS SHALL BE ABANDONED AND THEIR RELATED ELECTRICAL BOXES SHALL BE FILLED WITH CONCRETE AND PLASTERED OVER TO MATCH THE ADJOINING FINAL SURFACE CONDITIONS. REMOVE ALL THE EXISTING CONDUITS LOCATED ABOVE HUNG CEILINGS, IN FURRING WALLS AND/OR COLUMNS AND BELOW RAISED FLOORS. REMOVE ALL THEIR RELATED ELECTRICAL BOXES. THE EXISTING CONDUITS CAN ONLY BE REMOVED OR ABANDONED AFTER THEIR CORRESPONDING CONDUCTORS ARE REMOVED AND THE CONDUITS ARE EMPTY.

g.- REMOVE ALL THE EXISTING UNDERGROUND PULL BOXES, JUNCTION BOXES, AND SPLICING BOXES INDICATED TO BE REMOVED, REMOVE ALL THE EXISTING POLE BASES BELONGING TO THE POLES INDICATED TO BE REMOVED. THE OPENINGS LEFT AFTER THEIR REMOVAL SHALL BE FILLED WITH COMPACTED EARTH AND THE GROUND SURFACE SHALL BE FINISHED TO MATCH THOSE OF THE FINAL ADJOINING AREAS.

h.- MAINTAIN AND RESTORE, IF INTERRUPTED, ALL THE BRANCH CIRCUITS WIRING, FEEDERS AND TELE-COMMUNICATION LINES PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.

② GENERAL NOTES:

1 - UNLESS OTHERWISE INDICATED ALL CONDUCTORS SHALL BE #12-AWG. UP TO #10-AWG USE SOLID CONDUCTORS, ALL LARGER SIZES SHALL BE STRANDED CONDUCTORS. CONTROL CONDUCTORS TO BE #14 AWG. MINIMUM SIZE.

2 - ALL CONDUCTORS SHALL BE THWN/THHN-600V. INSULATION.

3 - UNLESS OTHERWISE INDICATED ALL CONDUCTORS SHALL BE COPPER.

4 - PROVIDE GROUND CONDUCTOR IN ALL THE CONDUITS.

5 - PROVIDE #12-AWG GREEN JUMPER BETWEEN RECEPTACLE GROUNDING SCREW AND OUTLET BOX GROUNDING SCREW.

6 - UNLESS OTHERWISE INDICATED ALL CONDUITS SHALL BE 3/4" IN DIAMETER MINIMUM.

7 - ALL UNDERGROUND CONDUIT COUPLING SHALL BE WATERTIGHT.

8 - PROVIDE AN EXPANSION JOINT COUPLING OF THE REQUIRED TYPE AND SIZE WHENEVER A CONDUIT CROSSES AN EXPANSION JOINT.

9 - PROVIDE PLASTIC CONDUIT DIVIDERS IN ALL UNDERGROUND CONDUIT RUNS. MAXIMUM DISTANCE BETWEEN DIVIDERS TO BE 4'-0'.

10 - CONTRACTOR MUST MAKE SURE THAT THE ENTIRE ELECTRICAL SYSTEM HAS GROUND CONTINUITY.

11 - ALL THE ELECTRICAL INSTALLATION SHALL BE DONE IN A NEAT & WORKMANLIKE MANNER, ACCORDING TO THE LAST EDITION OF THE NATIONAL ELECTRICAL CODE, THE LUMA ENERGY LATEST STANDARDS & THE NEGOCIADO DE TELECOMUNICACIONES LATEST PRACTICES.

12 - ALL 15A OR 20A/1P-125V. RECEPTACLES LOCATED OUTDOORS SHALL BE PROVIDED WITH INTEGRAL GROUND FAULT PROTECTION AND WEATHERPROOF COVER PLATES.

13 - UNLESS OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOXES. MINIMUM SIZE OF OUTLET BOX TO BE 4" SQUARE & 1-1/2" DEEP. EXACT SIZE OF OUTLET BOX SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBER OF CONDUCTORS IN THE BOX PER N.E.C. ARTICLE 370-SECTION 6.

14 - ALL INDICATED HEIGHTS ARE FROM CENTER OF BOX TO FINISHED FLOOR.

15 - CONTRACTOR SHALL BALANCE ALL LOADS.

16 - ROUTE OF CONDUITS SHOWN IN THE LAYOUT IS SCHEMATIC AND INTENDED ONLY TO INDICATE INTER-CONNECTIONS BETWEEN OUTLETS. EXACT CONDUIT ROUTING SHALL BE DETERMINED AT THE JOB SITE TO CONFORM WITH THE STRUCTURAL CONDITIONS AND SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE ARCHITECT/ENGINEER.

17 - LEAVE A #12-AWG-TW FISHWIRE IN ALL EMPTY CONDUITS.

18 - WHEN TWO OR MORE WIRING DEVICES ARE SHOWN TOGETHER IN ADJACENT POSITIONS AND AT THE SAME HEIGHT, THEY SHALL BE INSTALLED IN A MULTIPLE GANG OUTLET BOX OF THE PROPER SIZE SO THAT ONLY ONE RAISED COVER PLATE OF THE REQUIRED TYPE AND SIZE ARE USED.

19 - UNLESS OTHERWISE INDICATED, ALL WIRING DEVICES SHALL BE WHITE COLORED WITH 302 STAINLESS STEEL COVER PLATES, EXCEPT THE WEATHERPROOF OUTLETS WHICH SHALL HAVE THEIR STANDARD GRAY COVER PLATES.

18 - IN CONDUIT RUNS, THE NUMBER OF ARROWS DESIGNATE THE NUMBER OF CIRCUITS IN THE CONDUIT (ONE POLE IN THE PANELBOARD PER EACH CIRCUIT), THE NUMBER OF LINES DESIGNATE THE NUMBER OF CONDUCTORS IN THE CONDUIT , THE LONGER LINE BEING A NEUTRAL CONDUCTOR AND " " BEING THE GROUND CONDUCTOR.

19 - C1 ◯ IN LIGHTING OUTLET, C1 INDICATES THE CIRCUIT NUMBER, L1 INDICATES THE LUMINARY
L1 TYPE FROM THE LUMINARY SCHEDULE AND 1 INDICATES THE SWITCH CONTROLLING UNIT.
1
C3 ⊖ IN RECEPTACLE OUTLET, C3 INDICATES THE CIRCUIT NUMBER.

20 - TELEPHONE TERMINALS CABINET SHALL BE APPROVED EQUAL TO COLUMBIA METAL TYPE "PF" WITH THE DOOR HINGES, LOCK AND 3/4" PLYWOOD BACKBOARD COVER AT THE BOTTOM OF THE CABINET.

21 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR BEFORE STARTING CONSTRUCTION TO VERIFY THE VOLTAGE CHARACTERISTICS AT THE SITE WITH THE UTILITY COMPANY BEFORE ORDERING ANY EQUIPMENT.

22 - ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.

23 - ALL THE SELF-STANDING AND SURFACE MOUNTED ELECTRICAL EQUIPMENT AS WELL AS THE LUMINAIRES SHALL ALL BE BRACED FOR SEISMIC SHOCK ACCORDING TO THE SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS, THE SAME APPLIES TO ALL THE CONDUIT WORK. THE DETAILS AND INSTALLATION METHODS IN SAID MANUAL SHALL BE MODIFIED AS REQUIRED TO FIT THE ELECTRICAL INSTALLATION OF THE PROJECT.

24 - FOR FINAL LOCATION OF MECHANICAL EQUIPMENT SEE CORRESPONDING MECHANICAL AND ARCHITECTURAL DRAWINGS. CONTRACTOR TO RELOCATE ELECTRICAL ROUGH-IN ACCORDINGLY AT NO ADDITIONAL COST TO OWNER.

25 - CONDUIT WORK:

A - ALL CONDUITS INSTALLED UNDERGROUND SHALL BE PVC SCH. 40.

B - ALL CONDUITS INSTALLED EMBEDED IN FLOOR SLABS WHICH ARE IN DIRECT CONTACT WITH THE EARTH SHALL BE PVC SCH. 40.

C - ALL CONDUITS INSTALLED EMBEDED IN WALLS, CEILING SLABS AND IN FLOOR SLABS WHICH ARE NOT IN DIRECT CONTACT WITH THE EARTH SHALL BE EMT.

D - ALL CONDUITS INSTALLED IN THE AREA BETWEEN HUNG CEILINGS AND CEILING SLABS OR METAL DECKS SHALL BE EMT.

E - ALL CONDUITS INSTALLED EXPOSED IN INDOOR AREAS SHALL BE EMT.

F - ALL CONDUITS INSTALLED EXPOSED IN OUTDOOR AREAS SHALL BE PVC COATED HEAVY WALL RIGID GALVANIZED STEEL.

G - FINAL CONNECTIONS TO ALL MOTORS AND ELECTRICAL EQUIPMENT SHALL BE DONE WITH LIQUIDTIGHT FLEXIBLE STEEL CONDUIT.

H - 'ENT' CONDUIT IS NOT ALLOWED IN THIS PROJECT.

26 - ALL CONDUCTORS SHALL BE #12-AWG, EXCEPT WHEN OTHERWISE INDICATED IN THE DRAWINGS OR AS INDICATED BELOW FOR 20 AMPS. CKTS. CONDUCTOR SIZING.

1 - ALL 20 AMP. 120VOLT CIRCUIT RUNS SHALL BE AS FOLLOWS:
0' TO 100' IN LENGTH, #12-AWG.
100' TO 200' IN LENGTH, #10-AWG.
200' TO 300' IN LENGTH, #8-AWG.
300' TO 400' IN LENGTH, #6-AWG.

2 - ALL 20 AMP. 277 VOLT CIRCUIT RUNS SHALL BE AS FOLLOWS:
0' TO 200' IN LENGTH, #12-AWG
200' TO 350' IN LENGTH, #10-AWG.
350' TO 500' IN LENGTH, #8-AWG.

③ LUMINARY SCHEDULE

DESIGNATION	LIGHT SOURCE TYPE	DESCRIPTION	MOUNTING	VOLTS	DRIVER	LED					TOTAL WATTS	MANUFACTURER	CATALOG NO.	REMARKS NO.
						CRI	°K	WATTS	LUMENS	EFFICIENCY				
L1	LED	2' x 4' TROFFER	RECESSED	120/277	ELEC	85	4000	32	4213	131	32	ORACLE	24-FLP1-LED-4000LM-DIM10-MVOLT-40K-85-USA	1
L2	LED	2' x 2' TROFFER	RECESSED	120/277	ELEC	85	4000	32	4213	132	32	ORACLE	22-FLP1-LED-4000LM-DIM10-MVOLT-40K-85-USA	1
L3	LED	INDUSTRIAL	SURFACE	120/277	ELEC	82	4000	12	1404	125	12	BROWNLEE	7182-B12-CLP-40K-BAC-TMP	2,3
L4	LED	ELEV. PIT	WALL	120	ELEC	80	4000	35	4953	141	35	METALUX	4SNLED-LD5-46SL-RW-UNV-L840-CD1-U	.

④ LUMINARY SCHEDULE REMARKS

VALS-1

NO.	REMARKS DESCRIPTION
1	SUITABLE FOR MOUNTING ON A 2' x 4' OR 2' x 2' HUNG CEILING.
2	GASKETED, SUITABLE FOR WET LOCATION.
3	PROVIDE HEXAGONAL STAINLESS STEEL CENTER PIN REJECT SCREWS & SCREWDRIVER.
4	
5	

⑤ CLARIFICATION NOTES:

1.- BEFORE BIDING THE PROJECT:

THE CONTRACTOR MUST REVIEW AND UNDERSTAND THOROUGHLY ALL THE ELECTRICAL DRAWINGS AND SPECIFICATIONS, AS WELL AS THE INTENT OF THE DESIGN.

2.- FIELD CONDITIONS:

THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID, SO THAT THE ENGINEER CAN RENDER A DECISION ON THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTAND THROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, HAS FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.

3.- PROJECT COORDINATION:

a. THE ELECTRICAL CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OVERVIEW COORDINATION OF THE ELECTRICAL INSTALLATION WITH ALL TRADES, FAILURE TO PERFORM THIS COORDINATION SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION.

b. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES ANY REQUIRED DEMOLITION WORK, EITHER PARTIAL OR COMPLETE, OF THE EXISTING ELECTRICAL FACILITIES ON THIS PROJECT.

4.- THE USE OF THE TERM "APPROVED EQUAL TO":

THE MANUFACTURERS INDICATED IN THIS SET OF DRAWINGS AND SPECIFICATIONS ARE USED TO ESTABLISH A STANDARD OF QUALITY, PERFORMANCE, AVAILABILITY AND COST. MANUFACTURERS "APPROVED EQUAL TO" THE ONES SPECIFIED ARE ACCEPTED ONLY AS LONG AS THEY MEET THE INDICATED PHYSICAL (DIMENSIONS, WEIGHT, ETC.), ELECTRICAL AND FINANCIAL (COST) PARAMETER LEVELS OF THE SPECIFIED EQUIPMENT.

5.- THE USE OF THE TERM "SIMILAR TO":

THE USE OF THE TERM "SIMILAR TO" REFERS TO AN ALTERNATE MANUFACTURER WHOSE EQUIPMENT OR PRODUCT HAS THE SAME PHYSICAL (DIMENSIONS, WEIGHT, ETC.), ELECTRICAL AND FINANCIAL (COST) PARAMETER LEVELS AS THOSE OF THE EQUIPMENT OR PRODUCTS SPECIFIED IN THIS SET OF DRAWINGS AND SPECIFICATIONS.

6.- THE USE OF THE TERM "TYPICAL (TYP.)":

THE USE OF THE TERM "TYPICAL" AS CONFORMING TO A STANDARD OR NORM IMPLIES THAT SOMETHING ALIGNS WITH ESTABLISHED EXPECTATIONS, INDUSTRY STANDARDS, OR REGULATORY NORMS. IN THIS SET OF DRAWINGS AND SPECIFICATIONS, A "TYPICAL" DETAIL OR LAYOUT REFERS TO A STANDARDIZED SOLUTION USED REPEATEDLY ACROSS SIMILAR CONTEXTS.

7.- RE-USE OF THE EXISTING ELECTRICAL INSTALLATION:

THE USE OF THE TERM "RE-USE THE EXISTING ELECTRICAL INSTALLATION AS MUCH AS POSSIBLE" MEANS THAT SAID INSTALLATION MUST BE IN ACCORDANCE WITH ALL EXISTING PREVAILING (CURRENT) SAFETY AND CONSTRUCTION CODES, STANDARDS AND PRACTICES AS WELL AS THE INSTALLATION BEING IN A WELL-PRESERVED STATE, BOTH PHYSICAL AND ELECTRICAL, SUITABLE FOR ITS REUSE.

8.- SHOP DRAWINGS:

REVIEWING OF SHOP DRAWINGS IS LIMITED TO GENERAL DESIGN AND GENERAL ARRANGEMENT ONLY AND IS NOT INTENDED TO BE A VERIFICATION OF THE ITEMS OR TOTAL MATERIALS REQUIRED. APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY OF COMPLYING WITH DETAILS OF DESIGN, REQUIREMENTS OF SPECIFICATIONS, CORRECT DIMENSIONS FOR PROPER FITTING, CAPACITY, PERFORMANCE, CONSTRUCTIONS OR ANY OTHER REQUIREMENTS OF THE CONTRACT.

⑥ LEGEND

WALL LIGHTING OUTLET, 7'-6" A.F.F. UNLESS OTHERWISE INDICATED IN THE DRAWINGS.

2' x 4' LED RECESSED LUMINARY.

2' x 2' LED RECESSED LUMINARY.

WALL MOUNTED MANUAL FIRE ALARM STATION, 48" A.F.F. CERBERUS MSI-B6F. FULLY COMPATIBLE WITH THE EXISTING ONES.

WALL MOUNTED COMBINATION STROBE/HORN, 80" A.F.F. CERBERUS U-MHT. FULLY COMPATIBLE WITH THE EXISTING ONES.

DUPLEX GROUNDING CONVENIENCE OUTLET, 15 AMPS, 125 VOLTS, 1'-6" A.F.F.

SURFACE MOUNTED IONIZATION SMOKE DETECTOR. FULLY COMPATIBLE WITH THE EXISTING SYSTEM.

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

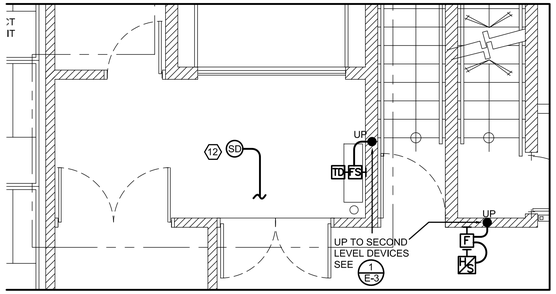
DEMOLITIONS & GENERAL NOTES, LUMINARY SCH. AND LEGEND

DATE	10.24.2025
DRAWN BY	FR
REVISED BY	LJV
DWG FILE NAME	25–020E–2
PLOT SCALE	1:1
SCALE	AS SHOWN

SHEET NO.

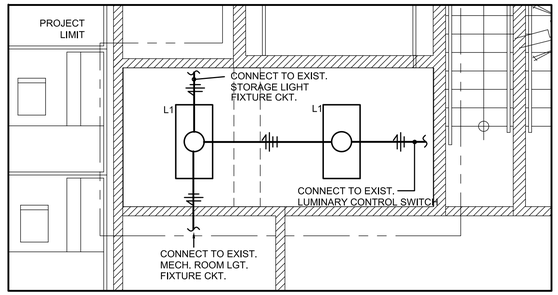
16-30 E-2

DRAWING NO.



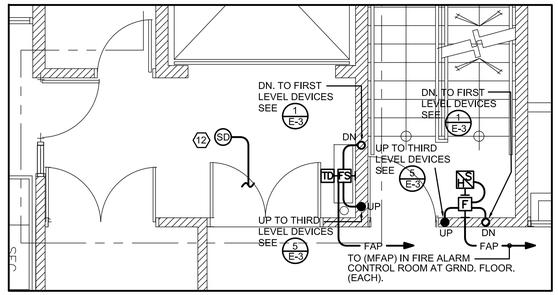
1 E-3 PROPOSED FLOOR PLAN 1ST FLOOR LEVEL - F.A. SYSTEM

SCALE: 1/4"=1'-0"



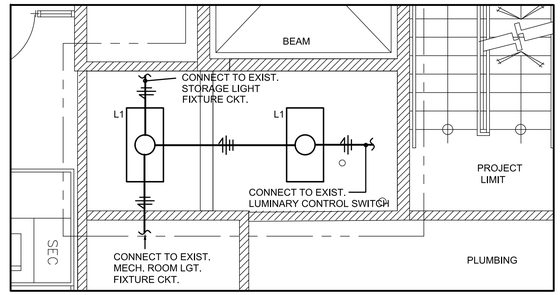
2 E-3 PROPOSED FLOOR PLAN 1ST FLOOR LEVEL - LIGHTING

SCALE: 1/4"=1'-0"



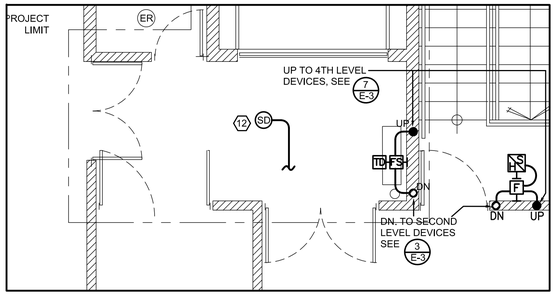
3 E-3 PROPOSED FLOOR PLAN 2ND FLOOR LEVEL - F.A SYSTEM

SCALE: 1/4"=1'-0"



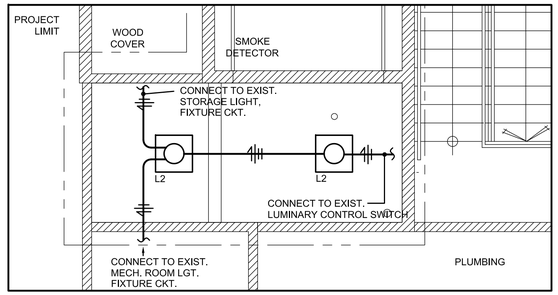
4 E-3 PROPOSED FLOOR PLAN 2ND FLOOR LEVEL - LIGHTING

SCALE: 1/4"=1'-0"



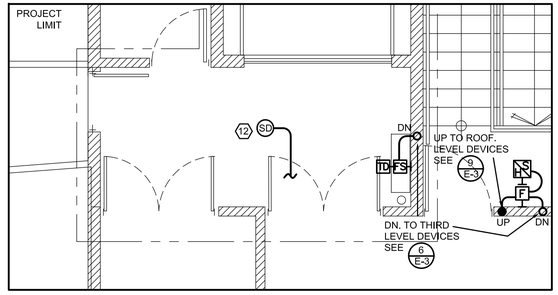
5 E-3 PROPOSED FLOOR PLAN 3RD FLOOR LEVEL - F.A. SYSTEM

SCALE: 1/4"=1'-0"



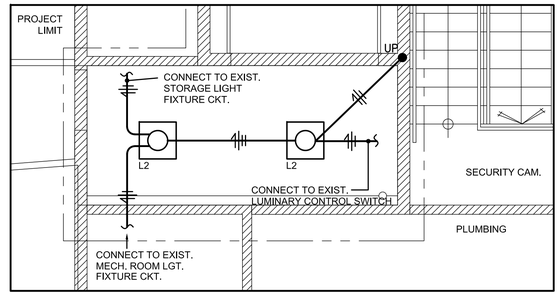
6 E-3 PROPOSED FLOOR PLAN 3RD FLOOR LEVEL - LIGHTING

SCALE: 1/4"=1'-0"



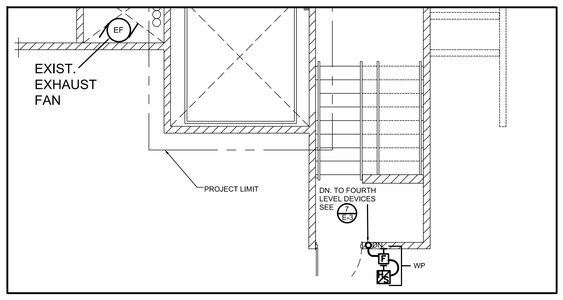
7 E-3 PROPOSED FLOOR PLAN 4TH FLOOR LEVEL - F.A SYSTEM

SCALE: 1/4"=1'-0"



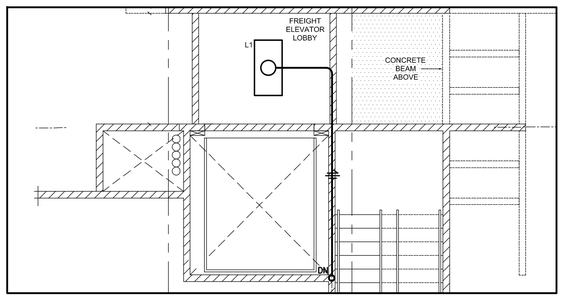
8 E-3 PROPOSED FLOOR PLAN 4TH FLOOR LEVEL - LIGHTING

SCALE: 1/4"=1'-0"



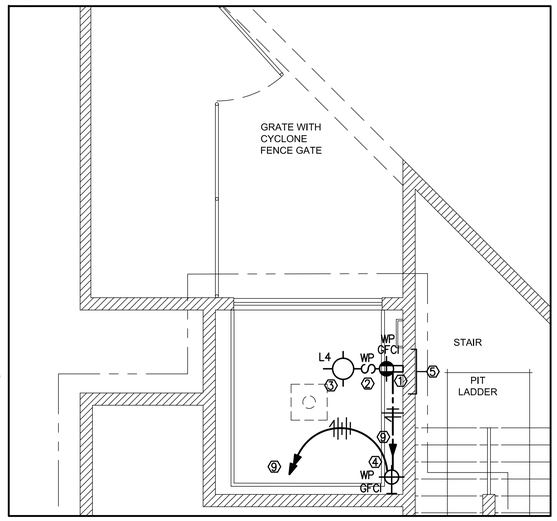
9 E-3 PROPOSED FLOOR PLAN ROOF LEVEL - POWER

SCALE: 3/16"=1'-0"



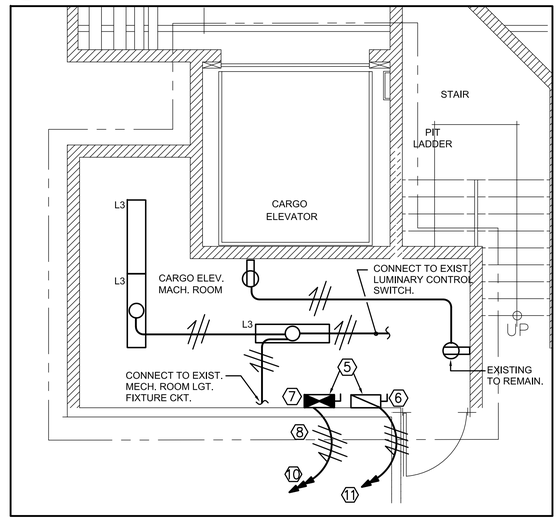
10 E-3 PROPOSED FLOOR PLAN ROOF LEVEL - LIGHTING

SCALE: 3/16"=1'-0"



11 E-3 CARGO ELEVATOR POWER LAYOUT

SCALE: 1/4"=1'-0"



12 E-3 CARGO ELEVATOR'S CONNECTION POWER LAYOUT

SCALE: 1/4"=1'-0"

KEY PLAN

1 KEYED NOTES:

1. – +1'–0" ABOVE ELEVATOR PIT FINISHED FLOOR.
2. – +1'–6" ABOVE ELEVATOR PIT FINISHED FLOOR.
3. – +2'–0" ABOVE ELEVATOR PIT FINISHED FLOOR.
4. – +2'–0" ABOVE ELEVATOR PIT FINISHED FLOOR FOR POWER TO SUMP PUMP.
5. – COORDINATE FINAL LOCATION IN THE FIELD.
6. – POWER MODULE SWITCH TO BE USED TO DISCONNECT THE ELEV. LIGHTS AND CONTROL CIRCUITS. 30 AMPS/2 POLE–250 VOLTS– NEUTRAL LUG– NEMA 1 FUSIBLE TYPE (20 AMPS. FUSES). COOPER–BUSSMAN CAT. NO. PS–3–N6.–T
7. – POWER MODULE SWITCH TO BE USED AS THE LOCAL POWER DISCONNECT FOR THE ELEVATORS. 100 AMPS/3 POLE–480 VOLTS, PROVIDED WITH CONTROL TRANSFORMER, FIRE SAFETY INTERFACE RELAY, FIRE ALARM 3 POLE VOLTAGE MONITORING RELAY, KEY TEST SWITCH, RED RUNNING PILOT LIGHT AND 2 AUXILIARY CONTACTS NO/NC. NEMA 1 FUSIBLE TYPE. (90 AMPS. FUSES) COOPER–BUSSMAN CAT. NO. PS–1–T48–R1–K–R–N1–A–F3–Y.
8. – 3#2–1#6GRND.–1½"
9. – TO EXIST. PANEL (ERP2)B. PROVIDE A 20AMP./1P–125V CKT. BKR. IN AVAILABLE SPACE (ONE PER CKT) CKT. BKR. SHALL BE FULLY COMPATIBLE WITH THE EXIST PANEL. COORDINATE IN THE FIELD.
10. – TO EXIST. PANEL (EPP4)1. PROVIDE A 100AMP./3P–480V CKT. BKR. IN AVAILABLE SPACE CKT. BKR. SHALL BE FULLY COMPATIBLE WITH THE EXIST PANEL. COORDINATE IN THE FIELD.
11. – TO EXIST. PANEL (ERP2)B. PROVIDE A 30AMP./2P–250V CKT. BKR. IN AVAILABLE SPACE CKT. BKR. SHALL BE FULLY COMPATIBLE WITH THE EXIST PANEL. COORDINATE IN THE FIELD.
12. – SMOKE DETECTOR, RE–USE THE EXISTING ELEC. INSTALLATION. DETECTOR SHALL BE REFURBISHED AS REQUIRED.

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CLIENT

DEPARTMENT OF ECONOMIC DEVELOPMENT AND COMMERCE (DDEC)

PROJECT NO. A.

CARGO ELEVATOR MODERNIZATIONS
PRIDCO HEADQUARTERS
SAN JUAN, PUERTO RICO

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REV.	DATED		BY.
A	2024–01–26	SCHEMATIC	CR

SHEET TITLE

CARGO ELEVATOR LOBBY ELECTRICAL INSTALLATION

DATE	10.24.2025
DRAWN BY	F.R.
REVISED BY	L.J.V.
DWG FILE NAME	25020E–3
PLOT SCALE	1:1
SCALE	as shown

SHEET NO. 17-30

DRAWING NO. E-3